

## ARG44292 anti-WASF2 / WAVE2 (Tyr150) antibody

Package: 100 µl  
Store at: -20°C

### Summary

|                     |                                                                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit Polyclonal antibody recognizes WASF2 / WAVE2 phospho (Tyr150)                                                                                                                                                                                |
| Tested Reactivity   | Hu, Ms, Rat                                                                                                                                                                                                                                         |
| Tested Application  | ICC/IF, WB                                                                                                                                                                                                                                          |
| Host                | Rabbit                                                                                                                                                                                                                                              |
| Clonality           | Polyclonal                                                                                                                                                                                                                                          |
| Isotype             | IgG                                                                                                                                                                                                                                                 |
| Target Name         | WASF2 / WAVE2                                                                                                                                                                                                                                       |
| Species             | Human                                                                                                                                                                                                                                               |
| Immunogen           | Synthetic phospho-peptide                                                                                                                                                                                                                           |
| Conjugation         | Un-conjugated                                                                                                                                                                                                                                       |
| Alternate Names     | WASF2; WASP Family Member 2; WAVE2; SCAR2; Wiskott-Aldrich Syndrome Protein Family Member 2; Verprolin Homology Domain-Containing Protein 2; WASP Family Protein Member 2; WAS Protein Family Member 2; Actin-Binding Protein WASF2; Protein WAVE-2 |

### Application Instructions

| Application table | Application                                                                                                                                | Dilution |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                   | ICC/IF                                                                                                                                     | 1:200    |
|                   | WB                                                                                                                                         | 1:1000   |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |          |

### Properties

|                     |                                                                                                                                                                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form                | Liquid                                                                                                                                                                                                                                                                                                            |
| Purification        | Antigen Affinity Purified                                                                                                                                                                                                                                                                                         |
| Buffer              | PBS with 1 mg/ml BSA, 0.05% Sodium azide and 50% glycerol                                                                                                                                                                                                                                                         |
| Preservative        | 0.05% Sodium azide                                                                                                                                                                                                                                                                                                |
| Stabilizer          | 1 mg/ml BSA and 50% glycerol                                                                                                                                                                                                                                                                                      |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.                                                                                                                                                                                                                                              |

Bioinformation

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Symbol           | WASF2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Full Name        | WASP Family Member 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Background            | This gene encodes a member of the Wiskott-Aldrich syndrome protein family. The gene product is a protein that forms a multiprotein complex that links receptor kinases and actin. Binding to actin occurs through a C-terminal verprolin homology domain in all family members. The multiprotein complex serves to transduce signals that involve changes in cell shape, motility or function. The published map location (PMID:10381382) has been changed based on recent genomic sequence comparisons, which indicate that the expressed gene is located on chromosome 1, and a pseudogene may be located on chromosome X. Two transcript variants encoding different isoforms have been found for this gene. |
| Function              | Downstream effector molecule involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. Promotes formation of actin filaments. Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex.                                                                                                                                                                                                                                                                                                                                                   |
| Calculated Mw         | 52 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PTM                   | Phosphoprotein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cellular Localization | Cell membrane, Cell projection, Cytoplasm, Cytoskeleton, Membrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Images



ARG44292 anti-WASF2 / WAVE2 (Tyr150) antibody WB image

Western blot: K562 stained with ARG44292 anti-WASF2 / WAVE2 (Tyr150) antibody.