

ARG44291 anti-WASF2 / WAVE2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes WASF2 / WAVE2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	WASF2 / WAVE2
Species	Human
Immunogen	Synthetic 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	1:250
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 85 kDa	

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

ARG44291 anti-WASF2 / WAVE2 antibody WB image

Western blot: PC12 stained with ARG44291 anti-WASF2 / WAVE2 antibody.

