

**ARG58671**  
anti-Syntaxin 2 antibodyPackage: 100 µl  
Store at: -20°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes Syntaxin 2   |
| Tested Reactivity   | Hu, Ms, Rat  |
| Tested Application  | WB   |
| Host                | Rabbit   |
| Clonality           | Polyclonal   |
| Isotype             | IgG  |
| Target Name         | Syntaxin 2   |
| Species             | Human  |
| Immunogen           | Recombinant fusion protein corresponding to aa. 1-264 of Human Syntaxin 2 (NP_001971.2). |
| Conjugation         | Un-conjugated  |
| Alternate Names     | STX2A; STX2B; STX2C; Epimorphin; EPM; EPIM; Syntaxin-2                                   |

### Application Instructions

|                   |  |                |
|-------------------|--|----------------|
| Application table | Application  | Dilution       |
|                   | WB   | 1:500 - 1:2000 |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                |
| Positive Control  | A549   |                |
| Observed Size     | 36 kDa   |                |

### Properties

|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification        | Affinity purified.  |
| Buffer              | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.  |
| Preservative        | 0.02% Sodium azide  |
| Stabilizer          | 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.  |

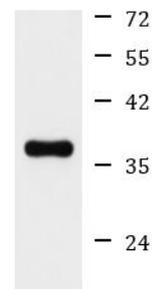
## Bioinformation

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|                       |  |
|-----------------------|--|
| Gene Symbol           | STX2   |
| Gene Full Name        | syntaxin 2   |
| Background            | The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008] |
| Function              | Essential for epithelial morphogenesis. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm. [UniProt]   |
| Calculated Mw         | 33 kDa   |
| Cellular Localization | Membrane, Single-pass type IV membrane protein. [UniProt]  |

## Images

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A549

ARG58671 anti-Syntaxin 2 antibody WB image

Western blot: 25 µg of A549 cell lysate stained with ARG58671 anti-Syntaxin 2 antibody at 1:1000 dilution.