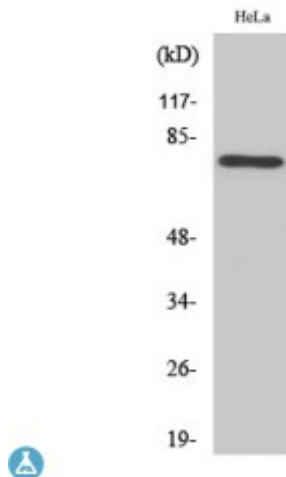


## Anti-Rabphilin-3A antibody



|                         |                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Rabbit polyclonal to Rabphilin-3A.                                                                                    |
| <b>Model</b>            | STJ95315                                                                                                              |
| <b>Host</b>             | Rabbit                                                                                                                |
| <b>Reactivity</b>       | Human, Mouse, Rat                                                                                                     |
| <b>Applications</b>     | ELISA, IF, IHC, WB                                                                                                    |
| <b>Immunogen</b>        | Synthesized peptide derived from human Rabphilin-3A around the non-phosphorylation site of S237.                      |
| <b>Immunogen Region</b> | 180-260 aa                                                                                                            |
| <b>Gene ID</b>          | <a href="#">22895</a>                                                                                                 |
| <b>Gene Symbol</b>      | <a href="#">RPH3A</a>                                                                                                 |
| <b>Dilution range</b>   | WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000                                                             |
| <b>Specificity</b>      | Rabphilin-3A Polyclonal Antibody detects endogenous levels of Rabphilin-3A protein.                                   |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                          |
| <b>Protein Name</b>     | Rabphilin-3A Exophilin-1                                                                                              |
| <b>Molecular Weight</b> | 75 kDa                                                                                                                |
| <b>Clonality</b>        | Polyclonal                                                                                                            |
| <b>Conjugation</b>      | Unconjugated                                                                                                          |

|                                   |                                                                                                                                                                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>                    | IgG                                                                                                                                                                                                                                |
| <b>Formulation</b>                | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                            |
| <b>Concentration</b>              | 1 mg/ml                                                                                                                                                                                                                            |
| <b>Storage Instruction</b>        | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                               |
| <b>Database Links</b>             | <a href="#">HGNC:17056OMIM:612159</a>                                                                                                                                                                                              |
| <b>Alternative Names</b>          | Rabphilin-3A Exophilin-1                                                                                                                                                                                                           |
| <b>Function</b>                   | Protein transport. Probably involved with Ras-related protein Rab-3A in synaptic vesicle traffic and/or synaptic vesicle fusion. Could play a role in neurotransmitter release by regulating membrane flow in the nerve terminal . |
| <b>Sequence and Domain Family</b> | Binds calcium via the C2 domains. The calcium-bound C2 domains mediate interactions with phospholipid bilayers .                                                                                                                   |
| <b>Cellular Localization</b>      | Cell junction, synapse Membrane                                                                                                                                                                                                    |

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