

## Anti-RB6I2 antibody

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|---------------------------|---|
| <b>Description</b>        | Unconjugated Rabbit polyclonal to RB6I2   |
| <b>Model</b>              | STJ191758   |
| <b>Host</b>               | Rabbit  |
| <b>Reactivity</b>         | Human, Mouse, Rat   |
| <b>Applications</b>       | ELISA, WB   |
| <b>Gene ID</b>            | <a href="#">23085</a>   |
| <b>Gene Symbol</b>        | <a href="#">ERC1</a>  |
| <b>Dilution range</b>     | WB 1:500-2000 ELISA 1:5000-20000  |
| <b>Specificity</b>        | RB6I2 Polyclonal Antibody detects endogenous levels of protein.   |
| <b>Tissue Specificity</b> | Widely expressed. Isoform 2 and isoform 4 are abundantly expressed in brain. Isoform 1 and isoform 3 are predominantly expressed in testis and thyroid, and isoform 1 predominates in other tissues tested. |
| <b>Purification</b>       | RB6I2 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>       | ELKS/Rab6-interacting/CAST family member 1 ERC-1 Rab6-interacting protein 2   |
| <b>Molecular Weight</b>   | 122 kDa   |
| <b>Clonality</b>          | Polyclonal  |
| <b>Conjugation</b>        | Unconjugated  |

|                              |   |
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| <b>Isotype</b>               | IgG   |
| <b>Formulation</b>           | Liquid form in PBS containing 50% glycerol, 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="https://www.ncbi.nlm.nih.gov/condensedbook/condensedbook.cgi?acc=HGNC:17072OMIM:607127">HGNC:17072OMIM:607127</a>  |
| <b>Alternative Names</b>     | ELKS/Rab6-interacting/CAST family member 1 ERC-1 Rab6-interacting protein 2   |
| <b>Function</b>              | Regulatory subunit of the IKK complex. Probably recruits IkappaBalpha/NFKBIA to the complex. May be involved in the organization of the cytomatrix at the nerve terminals active zone (CAZ) which regulates neurotransmitter release. May be involved in vesicle trafficking at the CAZ. May be involved in Rab-6 regulated endosomes to Golgi transport. |
| <b>Cellular Localization</b> | Cytoplasm Membrane Golgi apparatus membrane. In neurons, localized closed to presynaptic membrane. Recruited on Golgi membranes by RAB6A in a GTP-dependent manner .  |

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