

Rabbit Anti-srGAP3/AP Conjugated antibody

SL3660R-AP

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| Product Name | Anti-srGAP3/AP |
| Chinese Name | 碱性磷酸酶（AP）标记的精神障碍相关 GAP 蛋白抗体 |
| Alias | ARHGAP 14; ARHGAP14; Gbi; ME GAP; MEGAP; Mental disorder associated GAP; Rho GTPase activating protein 14; SLIT ROBO Rho GTPase activating protein 3; srGAP 2; srGAP 3; srGAP2; SRGP 2; SRGP2; WAVE associated Rac GTPase activating protein; WRP. |
| Research Area | immunology Neurobiology Kinases and Phosphatases |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | (predicted:Human,Mouse,Rat,Dog,Cow,Horse,Rabbit) WB=1000-10000,IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 121kDa |
| Form | Lyophilized or Liquid |
| Concentration | 1mg/ml |
| immunogen | KLH conjugated synthetic peptide derived from human srGAP3 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Storage | |
| Product Detail | background: srGAP3 (SLIT ROBO Rho GTPase-activating protein 3) is a GTPase activating protein (GAP) for the small G protein Rac. It has a putative role in attenuating Rac1 signalling in neurons. srGAP3 is thought to act downstream of the Slit-Robo pathway, which regulates neuronal migration and axonal branching, and play an important role in axonal regeneration after axotomy. It |

also plays a putative role in severe mental retardation.

Subunit:

Interacts with WASF1. Probably interacts with ROBO1. Interacts with FASLG.

Tissue Specificity:

Highly expressed in adult and fetal brain. Expressed at low levels in kidney. Isoform 3 is expressed in the kidney but is absent in the brain.

Database links:

[Entrez Gene: 9901](#) Human

[Entrez Gene: 259302](#) Mouse

[Entrez Gene: 500287](#) Rat

[Omim: 606525](#) Human

[SwissProt: O43295](#) Human

[SwissProt: Q812A2](#) Mouse

[Unigene: 654743](#) Human

[Unigene: 236401](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.