

Datasheet for ABIN7602538  
**anti-SRGAP3 antibody (AA 824-1067)**



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## Overview

Quantity:	100 µg
Target:	SRGAP3
Binding Specificity:	AA 824-1067
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRGAP3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

## Product Details

Purpose:	Anti-SRGAP3 Antibody Picoband®
Immunogen:	E.coli-derived human SRGAP3 recombinant protein (Position: L824-R1067).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SRGAP3 Antibody Picoband® (ABIN7602538). Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	SRGAP3
Alternative Name:	SRGAP3 ( <a href="#">SRGAP3 Products</a> )
Background:	<p>Synonyms: Tricarboxylate transport protein, mitochondrial, Citrate transport protein, CTP, Solute carrier family 25 member 1, Tricarboxylate carrier protein, SLC25A1, SLC20A3</p> <p>Tissue Specificity: Detected in brain. Detected at very much lower levels in heart, lung, placenta and skeletal muscle. Highly expressed in cerebellum, but also found in frontal cortex, hippocampus and basal ganglia.</p> <p>Background: SLIT-ROBO Rho GTPase-activating protein 3 is an enzyme that in humans is encoded by the SRGAP3 gene. Predicted to enable GTPase activator activity. Predicted to be involved in negative regulation of cell migration. Predicted to be located in cytosol. Predicted to be active in cytoplasm.</p>
Molecular Weight:	140 kDa
Gene ID:	9901
UniProt:	<a href="#">O43295</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Endris, V., Wogatzky, B., Leimer, U., Bartsch, D., Zatyka, M., Latif, F., Maher, E. R., Tariverdian, G., Kirsch, S., Karch, D., Rappold, G. A. The novel Rho-GTPase activating gene MEGAP/srGAP3 has a putative role in severe mental retardation. Proc. Nat. Acad. Sci. 99: 11754-11759, 2002. 2. Ishikawa, K., Nagase, T., Nakajima, D., Seki, N., Ohira, M., Miyajima, N., Tanaka, A., Kotani, H., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. VIII. 78 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 4: 307-313, 1997. 3. Jones, D. T. W., Kocialkowski, S., Liu, L., Pearson, D. M., Ichimura, K., Collins, V. P. Oncogenic RAF1 rearrangement and a novel BRAF mutation as alternatives to KIAA1549:BRAF fusion in activating the MAPK pathway in pilocytic astrocytoma. Oncogene 28: 2119-2123, 2009.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
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## Handling

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Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.