

[Go to Product page](#)

## Datasheet for ABIN5517501 **anti-SRGAP2 antibody (N-Term)**

### Overview

Quantity:	100 µL
Target:	SRGAP2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRGAP2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SRGAP2
Sequence:	AERFLAKTCS TKDQQFKKDQ NVLSPVNCWN LLLNQVKRES RDHTTLSDIY
Predicted Reactivity:	Cow: 87%, Dog: 100%, Guinea Pig: 87%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 87%
Purification:	Affinity purified

### Target Details

Target:	SRGAP2
Alternative Name:	SRGAP2 ( <a href="#">SRGAP2 Products</a> )

## Target Details

---

**Background:** This locus encodes a member of the SLIT-ROBO Rho GTPase activating protein family. The encoded protein stimulates GTPase activity of Rac1, and plays a role in cortical neuron development. This locus has several paralogs on human chromosome 1 resulting from segmental duplication. While this locus itself is conserved among various species, the paralogs are found only in the genus Homo, and not in the genomes of non-human great apes. Alternatively spliced transcript variants have been described for this locus.

Alias Symbols: FNBP2, SRGAP3, SRGAP2A, ARHGAP34

Protein Interaction Partner: UBC, PPP2R1A, YWHAB, YWHAE, UBD, FASLG, HERC2, EXOC1, DISC1, YWHAG, MYO1G, YLPM1, ATAD3A, ITSN2, SLC25A12, WIPF1, WAS, DIAPH1, ROBO1,

Protein Size: 459

---

Gene ID: 23380

---

NCBI Accession: [NM\\_001170637](#), [NP\\_001258799](#)

---

UniProt: [P0DJJ0](#)

## Application Details

---

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

**Buffer:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C

**Storage Comment:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.