

Rabbit SYNGAP1 Polyclonal Antibody | anti-SYNGAP1 antibody

SYNGAP1 antibody - C-terminal region

CATALOG # AAA201288	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

SYNGAP1; Polyclonal Antibody; SYNGAP1 antibody - C-terminal region; anti-SYNGAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer and 0.09% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: EY KLKEYSKSMD ESRLDRVKEY EEEIHS�KER LHMSNRKLEE YERRLLSQ
Sequence Length	1343
Applicable Applications for anti-SYNGAP1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Protein Size (# AA)	1343 amino acids
Protein Interactions	SAAL1; DLGAP4; GRIN1; ULK1; ULK2; MPDZ; CAMK2A; TRIP6; DLG4; GRIN2D; DLG3; KDR; PDGFRB; GRIN2B;
Blocking Peptide	For anti-SYNGAP1 antibody is Catalog #
Preparation and Storage	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.

IMAGES


WB (Western Blot)

WB Suggested Anti-SYNGAP1 Antibody Titration: 1.0 ug/ml Positive Control: Fetal kidney

ADDITIONAL INFORMATION

Related Product Information for anti-SYNGAP1 antibody	Target Description: The protein encoded by this gene is a major component of the postsynaptic density (PSD), a group of proteins found associated with NMDA receptors at synapses. The encoded protein is phosphorylated by calmodulin-dependent protein kinase II and dephosphorylated by NMDA receptor activation. Defects in this gene are a cause of mental retardation autosomal dominant type 5 (MRD5).
Product Categories/Family for anti-SYNGAP1 antibody	Polyclonal; Signaling Intermediate; Membrane Protein; Immunology; Neuroscience; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	194248068
NCBI GeneID	8831
NCBI Accession #	NP_006763
NCBI GenBank Nucleotide #	NM_006772
UniProt Accession #	Q96PV0
Molecular Weight	148kDa
NCBI Official Full Name	ras/Rap GTPase-activating protein SynGAP isoform 1
NCBI Official Synonym Full Names	synaptic Ras GTPase activating protein 1
NCBI Official Symbol	SYNGAP1
NCBI Official Synonym Symbols	MRD5; RASA1; RASA5; SYNGAP
NCBI Protein Information	ras/Rap GTPase-activating protein SynGAP
UniProt Protein Name	Ras/Rap GTPase-activating protein SynGAP
UniProt Gene Name	SYNGAP1
UniProt Synonym Gene Names	KIAA1938; Synaptic Ras-GAP 1
UniProt Entry Name	SYGP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/syngap1-antibody-western-blot-elisa/201288>