

Rabbit SAPAP1 Polyclonal Antibody | anti-SAPAP1 antibody

SAPAP1 Antibody

CATALOG # AAA303717	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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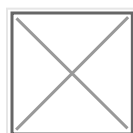
PRODUCT SYNONYMS

SAPAP1; Polyclonal Antibody; SAPAP1 Antibody; SAP90; PSD-95-associated protein 1; Disks large-associated protein 1; DLGAP1; DAP-1; GKAP; anti-SAPAP1 antibody

PRODUCT SPECIFICATIONS

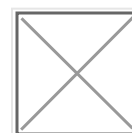
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	At least three isoforms of SAPAP1 are known to exist. This SAPAP1 antibody will not cross-react with other SAPAP proteins.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	977
Applicable Applications for anti-SAPAP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 18 amino acid peptide from near the center of human SAPAP1.
Target Name	SAPAP1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of SAPAP1 in human brain with SAPAP1 antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of SAPAP1 in rat brain tissue lysate with SAPAP1 antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SAPAP1 antibody	SAP90/PSD-95-associated protein 1 (SAPAP1, also known as DLGAP1 or GKAP) is a member of a protein family whose members specifically interact with PSD-95/SAP90, a membrane-associated guanylate kinase localized at postsynaptic density (PSD) in neuronal cells. Like the other SAPAP proteins, SAPAP1 is thought to be an adaptor protein that also interacts with different synaptic scaffolding proteins, cytoskeletal and signaling components, such as focal adhesion kinase (FAK) and proline-rich tyrosine kinase 2 (PYK2). SAPAP1 mRNA is targeted to cell bodies in a similar manner to SAPAP2 and -4, whereas SAPAP3 mRNA is detected mainly in cell bodies. SAPAP1 protein however, is targeted to the synapse and is not reliant on the synaptic localization of PSD-95 or the synaptic scaffolding molecule (S-SCAM).
Product Categories/Family for anti-SAPAP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923274
NCBI GeneID	9229
NCBI Accession #	NP_004737
NCBI GenBank Nucleotide #	NM_004746.3
Molecular Weight	103,581 Da
NCBI Official Full Name	disks large-associated protein 1 isoform 1
NCBI Official Synonym Full Names	discs, large (Drosophila) homolog-associated protein 1
NCBI Official Symbol	DLGAP1
NCBI Official Synonym Symbols	DAP1; GKAP; DAP-1; SAPAP1; DLGAP1A; DLGAP1B; DAP-1-BETA; DAP-1-ALPHA
NCBI Protein Information	disks large-associated protein 1
UniProt Protein Name	Disks large-associated protein 1
UniProt Gene Name	DLGAP1
UniProt Synonym Gene Names	DAP1; GKAP; DAP-1; hGKAP; SAPAP1
UniProt Entry Name	DLGP1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sapap1-antibody-immunohistochemistry-western-blot-elisa/303717>