

Anti-SAPAP (MOUSE) Monoclonal Antibody - 200-301-G40

Code: 200-301-G40

Size: 100 µg

Product Description: Anti-SAPAP (MOUSE) Monoclonal Antibody - 200-301-G40

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Mouse
Gene Name	Dlgap1
Species Reactivity	Mouse, Human, Rat
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	50% (v/v) Glycerol
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	Gkap, Dlgap1, Disks large-associated protein 1, Guanylate kinase-associated protein, PSD-95/SAP90-binding protein 1, SAP90/PSD-95-associated protein 1
Application Note	Anti-SAPAP Antibody is suitable for use in WB, IF microscopy and IP. Expect a band approximately ~120kDa (SAPAP2), ~110kDa (SAPAP1/3/4) on specific lysates. Specific conditions for reactivity should be optimized by the end user.
Background	The SAPAP proteins are thought to be adaptor proteins that also interact with different synaptic scaffolding proteins, cytoskeletal and signaling components. SAPAP1, 2 and 4 mRNA are targeted to cell bodies, whereas SAPAP3 mRNA is detected mainly in cell bodies.
Purity And Specificity	Anti-PAN SAPAP Antibody was purified by Protein G chromatography. A BLAST analysis was used to suggest cross-reactivity with SAPAP from human, mouse, and rat based on 100% homology with the immunizing sequence. It does cross-react with other SAPAPs. Cross-reactivity with SAPAP from other sources has not been determined. Scaffolds research.
Western Blot	1-10ug/mL
Immunohistochemistry	0.1-1.0ug/mL
IF Microscopy	1.0-10ug/mL
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	SAPAP Antibody was produced in mice by repeated immunizations raised against a fusion protein corresponding to a c-terminus region of rat SAPAP1.
General Reference	<ol style="list-style-type: none"> Hille B. (2001) Ion Channels of Excitable Membranes, 3rd Ed., Sinauer Associated Inc.: Sunderland, MA USA. www.iochannels.org Kindler S., et al. (2004) Brain Res. Mol Brain Res. 126: 14-21. Bongiorno-Borbone L., et al. (2005) Biochem, Biophys. Res Commun. 337: 641-646. Welch J.M., Wang D., and Fend G. (2004) J Comp. Neurol. 472: 24-39.

Related Products

200-401-983	Anti-FLIP alpha (RABBIT) Antibody - 200-401-983
600-401-412	Anti-CASPASE-2 (RABBIT) Antibody - 600-401-412
600-401-966	Anti-DAXX (RABBIT) Antibody - 600-401-966
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302

Related Links

NCBI - NP_075235.2

http://www.ncbi.nlm.nih.gov/protein/NP_075235.2

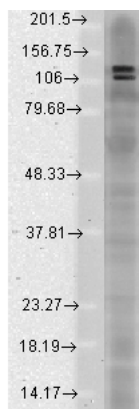
GeneID - 65040 <http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=65040>

UniProtKB - P97836

Images

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Western Blot of mouse anti-SAPAP antibody. Lane 1: Rat Brain Membrane lysate. Primary antibody: SAPAP antibody at 1:1000 for overnight at 4°C. Secondary antibody: Goat anti-mouse IgG HRP secondary antibody at 1:10,000 for 45 min at RT. Block: 5% Blotto overnight 4°C. Predicted/Observed size: 110 kDa/120kD. Other band(s): 110kDa (SAPAP1/3/4).



Disclaimer

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