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Datasheet for ABIN1387960 **anti-DLGAP1 antibody (AA 241-360)**

Overview

Quantity:	100 µL
Target:	DLGAP1
Binding Specificity:	AA 241-360
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLGAP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SAPAP1/DLGAP1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DLGAP1
Alternative Name:	SAPAP1/DLGAP1 (DLGAP1 Products)

Target Details

Background:	<p>Synonyms: PSD95 binding protein 1, DAP 1 ALPHA, DAP 1, DAP 1 BETA, DAP-1, DAP-1-ALPHA, DAP-1-BETA, DAP1, Discs large Drosophila homolog associated protein 1, Discs large homolog associated protein 1, Disks large associated protein 1, Disks large associated protein 1, alpha isoform, included, Disks large associated protein 1, beta isoform, included, Disks large-associated protein 1, DLGAP 1, Dlgap1, DLGP1_HUMAN, GKAP, GKAP/SAPAP, GKPA/SAPAP, Guanylate kinase associated protein, Guanylate kinase-associated protein, hGKAP, KIAA4162, MGC88156, mKIAA4162, PSD 95/SAP90 binding protein 1, PSD-95/SAP90-binding protein 1, SAP90/PSD 95 associated protein 1, SAP90/PSD-95-associated protein 1, SAPAP 1, SAPAP1.</p> <p>Background: Members of the postsynaptic density-95 (PSD-95)/SAP90 family of membrane-associated guanylate kinase (MAGUK) proteins function as multimodular scaffolds that organize protein-signaling complexes at neuronal synapses. PSD-95/SAP90 binds guanylate kinase-associated protein (GKAP), also designated GK domain-binding protein, DAP-1-a, DAP-1-b, PSD-95 binding protein, PSD-95/SAP90 associated protein, or SAPAP, through the guanylate kinase domain. GKAP is expressed widely in neurons of the cortex and hippocampus and in the Purkinje and granule cells of the cerebellum. GKAP is localized specifically in the PSD of glutamatergic synapses, consistent with its direct interaction with PSD-95 family proteins.</p>
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Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months