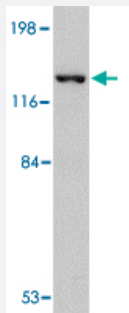


DLGAP4 polyclonal antibody

Catalog # PAB13042

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of DLGAP4 in SK-N-SH cell lysate with DLGAP4 polyclonal antibody (Cat # PAB13042) at 1 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DLGAP4.
Immunogen	A synthetic peptide corresponding to internal region 13 amino acids of human DLGAP4.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of DLGAP4 in SK-N-SH cell lysate with DLGAP4 polyclonal antibody (Cat # PAB13042) at 1 ug/mL .

Gene Info — DLGAP4

Entrez GeneID	22839
Protein Accession#	NP_055717
Gene Name	DLGAP4
Gene Alias	DAP4, KIAA0964, MGC131862, RP5-977B1.6, SAPAP4
Gene Description	discs, large (Drosophila) homolog-associated protein 4
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a membrane-associated guanylate kinase found at the postsynaptic density in neuronal cells. It is a signaling molecule that can interact with potassium channels and receptors, as well as other signaling molecules. The protein encoded by this gene can interact with PSD-95 through its guanylate kinase domain and may be involved in clustering PSD-95 in the postsynaptic density region. The encoded protein is one of at least four similar proteins that have been found. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000030861 OTTHUMP00000030863 PSD-95/SAP90 binding protein 4 SAP90/PSD-95-associated protein 4 discs large associated protein 4 discs large-associated protein 4

Publication Reference

- [FAK and PYK2 interact with SAP90/PSD-95-Associated Protein-3.](#)

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- [Distinct spatiotemporal expression of SAPAP transcripts in the developing rat brain: a novel dendritically localized mRNA.](#)

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- [Positional cloning and characterisation of the human DLGAP2 gene and its exclusion in progressive epilepsy with mental retardation.](#)

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Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)