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MPP2 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21878b

Product Information

Application	WB, E
Primary Accession	Q14168
Other Accession	Q9WV34
Reactivity	Human, Mouse
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54122
Calculated MW	64581

Additional Information

Gene ID	4355
Other Names	MAGUK p55 subfamily member 2, Discs large homolog 2, Protein MPP2, MPP2, DLG2
Target/Specificity	This MPP2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 398-419 amino acids from human MPP2.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MPP2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MPP2 (HGNC:7220)
Synonyms	DLG2
Function	Postsynaptic MAGUK scaffold protein that links CADM1 cell adhesion

molecules to core components of the postsynaptic density (By similarity). In CA1 pyramidal neurons, required for synaptic KCNN2- containing channel function and long-term potentiation expression (By similarity). Seems to negatively regulate SRC function in epithelial cells (PubMed:19665017).

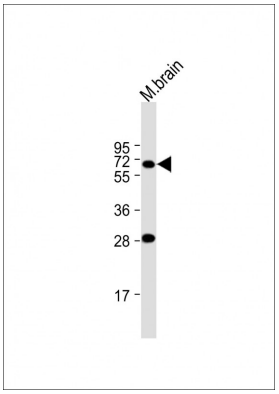
Cellular Location

Cytoplasm, cytoskeleton. Membrane Cell projection, dendrite {ECO:0000250|UniProtKB:Q9WV34}. Postsynaptic density {ECO:0000250|UniProtKB:Q9WV34}. Note=Prominently expressed in the postsynaptic densities of dendritic spines, is also detected in dendritic shafts. {ECO:0000250|UniProtKB:Q9WV34}

References

Mazoyer S.,et al.Genomics 28:25-31(1995).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Totoki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Images



Anti-MPP2 Antibody (C-Term) at 1:2000 dilution + mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.