

# MPP2 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21878b

## Product Information

---

Application	WB, E
Primary Accession	<a href="#">Q14168</a>
Other Accession	<a href="#">Q9WV34</a>
Reactivity	Human, Mouse
Predicted	Mouse
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 ( <a href="#">HGNC:7220</a> )
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}

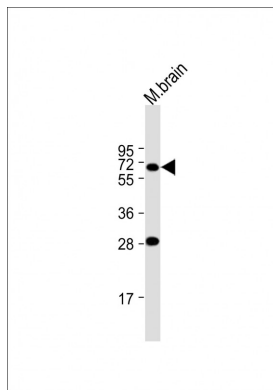
## References

---

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'.