

PCDH8 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12566

Product Information

Application	WB
Primary Accession	O95206
Other Accession	NM_032949 , NP_116567
Reactivity	Human, Rabbit, Dog, Guinea Pig, Horse
Predicted	Human, Rabbit, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113019

Additional Information

Gene ID	5100
Alias Symbol	ARCADLIN, PAPC
Other Names	Protocadherin-8, Arcadlin, PCDH8
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PCDH8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PCDH8 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

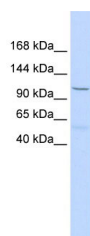
Protein Information

Name	PCDH8
Function	Calcium-dependent cell-adhesion protein (By similarity). May play a role in activity-induced synaptic reorganization underlying long term memory (By similarity). Could be involved in CDH2 internalization through TAOK2/p38 MAPK pathway. In hippocampal neurons, may play a role in the down-regulation of dendritic spines, maybe through its action on CDH2 endocytosis (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell projection, dendrite. Presynaptic cell membrane. Postsynaptic cell membrane Note=Also expressed in neuronal cell bodies. Localized to excitatory, but not with inhibitory, synapses.

References

Lim,J.,(2006)Cell125(4),801-814ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-PCDH8 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human Liver

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