

Mouse Protocadherin gamma (pan) Monoclonal Antibody | anti-Pcdhga1 antibody

Protocadherin Gamma (pan) Monoclonal Antibody

CATALOG # AAA47869	HOST Mouse	APPLICATIONS Immunofluorescence, Immunoblot, Western Blot
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PRODUCT SYNONYMS

Protocadherin gamma (pan); Monoclonal Antibody; Protocadherin Gamma (pan) Monoclonal Antibody; anti-Pcdhga1 antibody

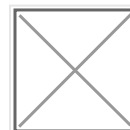
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody recognizes human, mouse, and rat PCDHG-A, B, and C proteins
Form/Format	100ug (1mg/ml) Protein G-purified antibody in PBS, pH 7.4, 0.1% sodium azide, 50% glycerol.
Sequence Length	931
Applicable Applications for anti-Pcdhga1 antibody	IF (Immunofluorescence), IB (Immunoblot)
Immunogen	Fusion protein corresponding to aa 808-931 (C-terminal cytoplasmic constant domain) of mouse PCDHGA1. This sequence is present in all 22 PCDHG proteins.

IMAGES



Application Data



Application Data

Dilute in PBS or medium that is identical to that used in the assay system

ADDITIONAL INFORMATION

Related Product Information for anti-Pcdhga1 antibody	The protocadherin gamma gene cluster is one of three related clusters tandemly linked on chromosome five. The gamma gene cluster includes 22 genes divided into 3 subfamilies: subfamily A contains 12 genes, subfamily B contains 7 genes and 2 pseudogenes, and subfamily C contains 3 genes. The tandem array of 22 large, variable region exons are followed by a constant region containing 3 exons shared by all genes in the cluster. Each variable region exon encodes the extracellular region (which includes 6 cadherin ectodomains and a trans-membrane region). The constant region exons encode the common cytoplasmic region. These neural cadherin-like cell adhesion proteins are believed to play a critical role in the establishment and function of specific cell-cell connections in the brain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18087753
NCBI GeneID	93709
NCBI Accession #	NP_291062.1

NCBI GenBank Nucleotide #	NM_033584.1
UniProt Accession #	Q91XZ0
Molecular Weight	101,367 Da
NCBI Official Full Name	protocadherin gamma-A1
NCBI Official Synonym Full Names	protocadherin gamma subfamily A, 1
NCBI Official Symbol	Pcdhga1
NCBI Protein Information	protocadherin gamma-A1
UniProt Protein Name	MCG133388, isoform CRA_t
UniProt Gene Name	Pcdhga1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/protocadherin-gamma-pan-antibody-immunofluorescence-immunoblot-elisa/47869>