

Rabbit PCDH18 Polyclonal Antibody | anti-PCDH18 antibody

PCDH18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39735	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

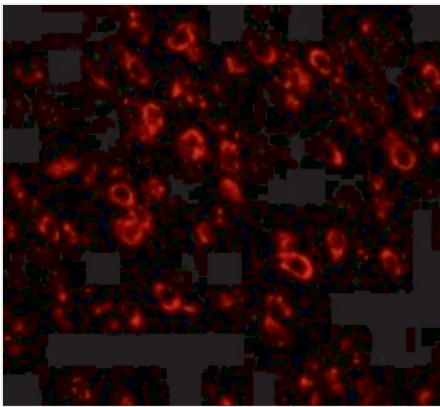
PRODUCT SYNONYMS

PCDH18; Polyclonal Antibody; PCDH18 Antibody; PCDH68L; KIAA1562; Protocadherin-18; protocadherin 18; anti-PCDH18 antibody

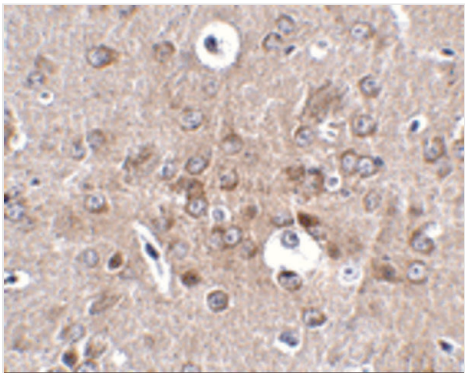
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of PCDH18 are known to exist. This antibody is predicted to not cross-react with PCDH12.
Purity/Purification	PCDH18 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1135
Applicable Applications for anti-PCDH18 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	PCDH18 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human PCDH18.
Buffer	PCDH18 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PCDH18 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

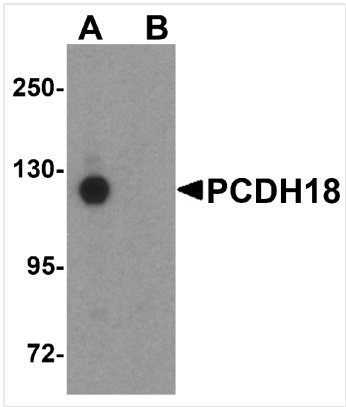
IMAGES



IF (Immunofluorescence)
Immunofluorescence of PCDH18 in Mouse Brain cells with PCDH18 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of PCDH18 in mouse brain tissue with PCDH18 antibody at 2.5 μ g/mL.



WB (Western Blot)
Western blot analysis of PCDH18 in HepG2 cell lysate with PCDH18 antibody at 1 μ g/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PCDH18 antibody	PCDH18 Antibody: Protocadherins comprise the largest group within the cadherin family of calcium-dependent cell-cell adhesion molecules. Protocadherin 18 (PCDH18) was initially identified through screening of human and mouse ESTs using conserved cytoplasmic domain motifs. Tissue screening revealed PCDH18 broad expression in tissues such as brain, liver, heart, kidney, lung, and trachea. PCDH18 expression is also temporally and spatially regulated in the mouse embryonic brain and interacts with Disabled-1, an intracellular adapter protein involved in neuronal migration and cell positioning during mammalian brain development. PCDH18 was also found to be expressed in the developing zebrafish neural tube and central nervous system, lending support to the hypothesis that PCDH18 may play a role during brain development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14589929
NCBI GeneID	54510
NCBI Accession #	NP_061908
NCBI GenBank Nucleotide #	NM_019035.4
UniProt Accession #	Q9HCL0; Q52LS2; A8K7K3; B7ZKT1
Molecular Weight	126,021 Da
NCBI Official Full Name	protocadherin-18 isoform 1

NCBI Official Synonym Full Names	protocadherin 18
NCBI Official Symbol	PCDH18
NCBI Official Synonym Symbols	PCDH68L
NCBI Protein Information	protocadherin-18; protocadherin 68-like protein
UniProt Protein Name	Protocadherin-18
UniProt Gene Name	PCDH18
UniProt Synonym Gene Names	KIAA1562
UniProt Entry Name	PCD18_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/pcdh18-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39735>