

Rabbit anti-Human PCDH18/Protocadherin 18 Polyclonal Antibody | anti-PCDH18 antibody

Anti-PCDH18/Protocadherin 18 Antibody, Rabbit Polyclonal

CATALOG # AAA255958	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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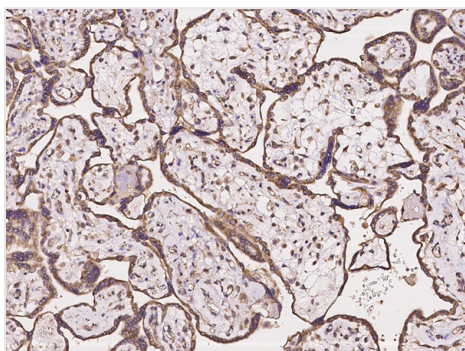
PRODUCT SYNONYMS

PCDH18/Protocadherin 18; Polyclonal Antibody; Anti-PCDH18/Protocadherin 18 Antibody; Rabbit Polyclonal; PCDH18/Protocadherin 18 Antibody; Rabbit PAb; Antigen Affinity Purified; protocadherin 18; Anti-PCDH68L Antibody; anti-PCDH18 antibody

PRODUCT SPECIFICATIONS

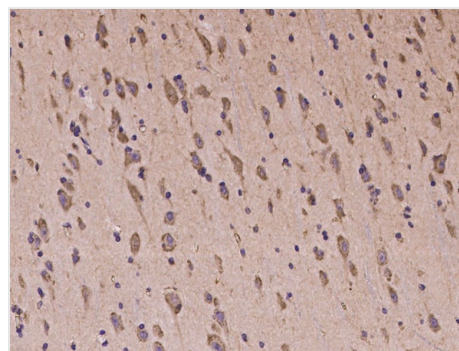
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PCDH18/Protocadherin 18
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PCDH18 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human PCDH18/Protocadherin 18 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PCDH18/Protocadherin 18 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human PCDH18 in human placenta with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PCDH18 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PCDH18 antibody	pcdh18 contains a motif (centered at Y842) shared with Src kinases (QGQYQP) that is required for the inhibitory phenotype. Thus, pcdh18 is a novel activation marker of CD8(+) memory T cells that can function as an inhibitory signaling receptor and restrict the effector phase. Mouse Pcdh18 (mPcdh18), which consists of four exons similar to other protocadherin family members, maps to chromosome 3. The deduced amino acid sequence of mPcdh18 contains six extracellular cadherin motifs, a single transmembrane region, and a large intracellular domain. The site of Disabled-1 (Dab1) interaction was localized to the C-terminal 243 residues of mPcdh18. Expression analyses revealed that mPcdh18 is present in a variety of tissues in the embryo, but in adult mice, it is primarily expressed in the lung and kidney. In the embryonic brain, mPcdh18 expression is temporally and spatially regulated.
References	Zhou D, et al. (2017) Pcdh18 is frequently inactivated by promoter methylation in colorectal cancer. Sci Rep 7 (1): 2819.Vazquez-Cintron EJ, et al. (2012) Protocadherin-18 is a novel differentiation marker and an inhibitory signaling receptor for cd8+ effector memory t cells. PLoS One 7 (5): e36101.Homayouni R, et al. (2001) Disabled-1 interacts with a novel developmentally regulated protocadherin. Biochem Biophys Res Commun 289 (2): 539-547.

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://www.aaabiotech.com/polyclonal/pcdh18-protocadherin-18-antibody-immunohistochemistry-elisa/255958>