

Rabbit CDH18 Polyclonal Antibody | anti-CDH18 antibody

CDH18 Polyclonal Antibody

CATALOG # AAA281224	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

CDH18; Polyclonal Antibody; CDH18 Polyclonal Antibody; CDH14; CDH14L; CDH24; anti-CDH18 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	NADMTYSIIN GDGMGIFSIS TDKETREGIL SLKKPLNYEK KKSYYTLNIEG ANTHLDFRFS HLGPFKDATM LKIIVGDVDE PPLFSMPSYL MEVYENAKIG TVVGTVLAQD PDSTNSLVRY FINYNVEDDR FFNIDANTGT IRTTKVLDR ETPWYNITVT ASEIDNPDL SHVTVGIRVL DVNDNPPELA REYDIIVCEN S
Sequence Length	574
Applicable Applications for anti-CDH18 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein of human CDH18
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell membrane, Single-pass type I membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using CDH18 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using CDH18 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using CDH18 antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-CDH18 antibody	This gene encodes a type II classical cadherin from the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is expressed specifically in the central nervous system and is putatively involved in synaptic adhesion, axon outgrowth and guidance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CDH18 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	266454921
NCBI GeneID	1016
NCBI Accession #	NP_001161139.1
NCBI GenBank Nucleotide #	NM_001167667.2
UniProt Accession #	Q13634 ; Q8N5Z2 ; A8K0I2 ; B4DHG6
Molecular Weight	63kDa/88kDa
NCBI Official Full Name	cadherin-18 isoform 2
NCBI Official Synonym Full Names	cadherin 18
NCBI Official Symbol	CDH18
NCBI Official Synonym Symbols	CDH14; CDH24; CDH14L
NCBI Protein Information	cadherin-18
UniProt Protein Name	Cadherin-18
UniProt Gene Name	CDH18
UniProt Synonym Gene Names	CDH14

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/polyclonal/cdh18-antibody-immunohistochemistry-elisa/281224>