

Rabbit anti-Human CLDN16 Polyclonal Antibody | anti-CLDN16 antibody

CLDN16 Antibody

CATALOG # AAA310678	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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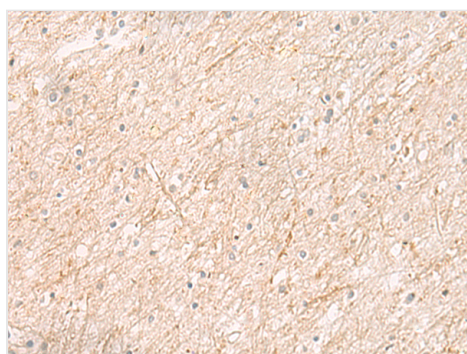
PRODUCT SYNONYMS

CLDN16; Polyclonal Antibody; CLDN16 Antibody; HOMG3; PCLN1; anti-CLDN16 antibody

PRODUCT SPECIFICATIONS

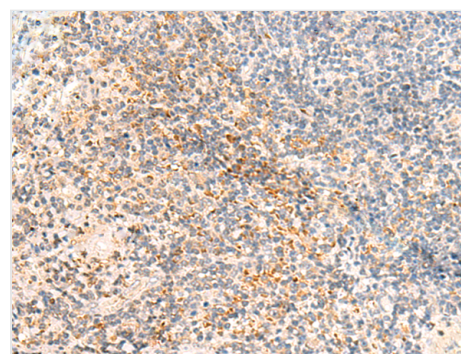
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CLDN16 protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.8 mg/mL (varies by lot)
Sequence Length	305
Applicable Applications for anti-CLDN16 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CLDN16
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human brain tissue using 47503 (CLDN16 Antibody) at dilution 1/30. (Original magnification: 200)



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using 47503 (CLDN16 Antibody) at dilution 1/30. (Original magnification: 200)

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN16 antibody	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. It is found primarily in the kidneys, specifically in the thick ascending limb of Henle, where it acts as either an intercellular pore or ion concentration sensor to regulate the paracellular resorption of magnesium ions. Defects in this gene are a cause of primary hypomagnesemia, which is characterized by massive renal magnesium wasting with hypomagnesemia and hypercalciuria, resulting in nephrocalcinosis and renal failure. This gene and the CLDN1 gene are clustered on chromosome 3q28.
Product Categories/Family for anti-CLDN16 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729970
NCBI GeneID	10686
NCBI Accession #	NP_006571.1
NCBI GenBank Nucleotide #	NM_006580.3
UniProt Accession #	Q9Y5I7
Molecular Weight	33,836 Da
NCBI Official Full Name	claudin-16
NCBI Official Synonym Full Names	claudin 16
NCBI Official Symbol	CLDN16
NCBI Official Synonym Symbols	HOMG3; PCLN1
NCBI Protein Information	claudin-16
UniProt Protein Name	Claudin-16
UniProt Gene Name	CLDN16
UniProt Synonym Gene Names	PCLN1; PCLN-1

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/cldn16-antibody-immunohistochemistry-elisa/310678>