

Rabbit anti-Human Claudin 5 Polyclonal Antibody | anti-CLDN5 antibody

Claudin 5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305628	Rabbit	Human	Immunohistochemistry, Western Blot

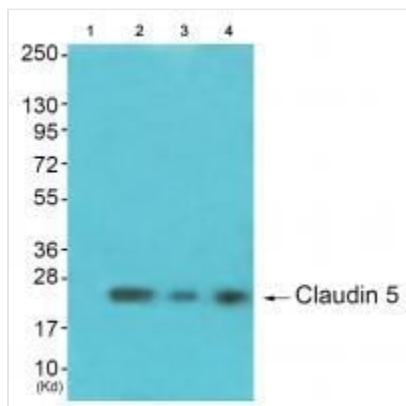
PRODUCT SYNONYMS

Claudin 5; Polyclonal Antibody; Claudin 5 Antibody; CLD5; CLDN5; TMDVCF; Transmembrane protein deleted in VCFS; anti-CLDN5 antibody

PRODUCT SPECIFICATIONS

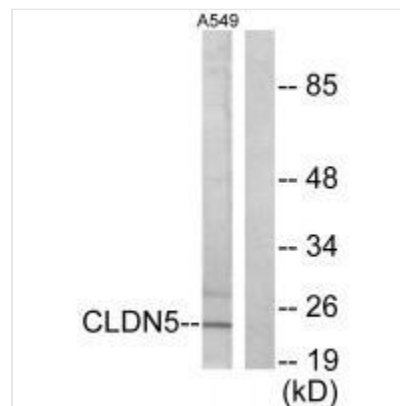
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CLDN5 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	303
Applicable Applications for anti-CLDN5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human CLDN5.
Target Name	Claudin 5
Preparation and Storage	Store at -20 degree C

IMAGES



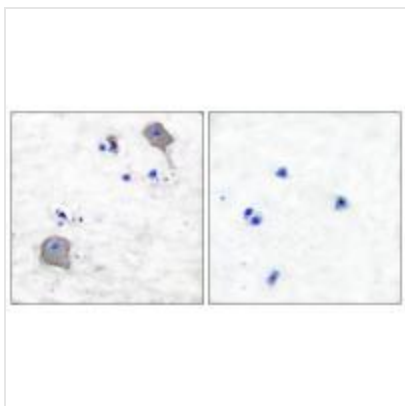
WB (Western Blot)

Western blot analysis of extracts from 293 cells (Lane 2), K562 cells (Lane 3) and 3T3 cells (Lane 4), using Claudin 5 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from A549 cells, using Claudin 5 antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain tissue using Claudin 5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN5 antibody	Plays a major role in tight junction-specific obliteration of the intercellular space By similarity.Norihiro Sato,Cancer Res., Jul 2003; 63: 3735 - 3742.Takuyki Uchida, AACR Meeting Abstracts, Apr 2006; 2006: 7.L.H. Smith, Invest. Ophthalmol. Vis. Sci., May 2005; 46: 3495.Z. Kachra, Invest. Ophthalmol. Vis. Sci., May 2005; 46: 4757.
Product Categories/Family for anti-CLDN5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	195947374
NCBI GeneID	7122
NCBI Accession #	NP_001124333.1
NCBI GenBank Nucleotide #	NM_001130861.1
UniProt Accession #	O00501; Q53XW2; Q8WUW3; B3KS11
Molecular Weight	23,147 Da
NCBI Official Full Name	claudin-5
NCBI Official Synonym Full Names	claudin 5
NCBI Official Symbol	CLDN5
NCBI Official Synonym Symbols	AWAL; BEC1; TMVCF; CPETRL1
NCBI Protein Information	claudin-5
UniProt Protein Name	Claudin-5
UniProt Gene Name	CLDN5
UniProt Synonym Gene Names	AWAL; TMVCF; TMDVCF
UniProt Entry Name	CLD5_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/claudin-5-antibody-immunohistochemistry-western-blot-elisa/305628>