

Rabbit CLDN11 Polyclonal Antibody | anti-CLDN11 antibody

CLDN11 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197631	Rabbit	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

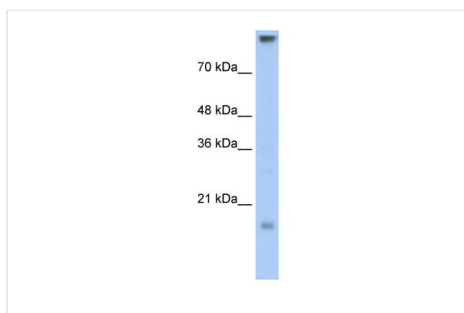
PRODUCT SYNONYMS

CLDN11; Polyclonal Antibody; CLDN11 antibody - C-terminal region; anti-CLDN11 antibody

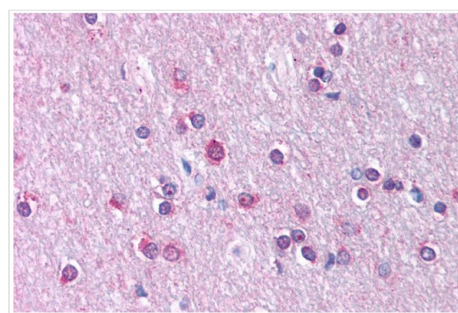
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: VS FGYSLYAGWI GAVLCLVGGC VILCCAGDAQ AFGENRFYYT AGSSSPTH
Sequence Length	207
Applicable Applications for anti-CLDN11 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 100%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CLDN11
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

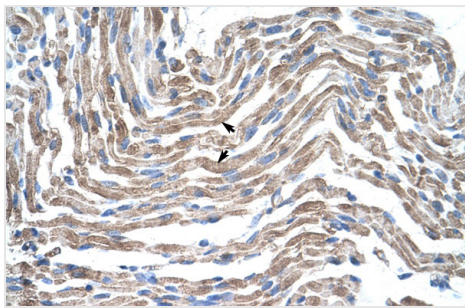
IMAGES


WB (Western Blot)

WB Suggested Anti-CLDN11 Antibody Titration: 0.2-1 ug/ml Positive Control: Transfected 293T


IHC (Immunohistochemistry)

Immunohistochemistry of formalin-fixed, paraffin-embedded human brain, cortex, white matter tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)
Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN11 antibody	This is a rabbit polyclonal antibody against CLDN11. It was validated on Western Blot and immunohistochemistry Target Description: CLDN11 belongs to the claudin family of tight junction associated proteins and is a major component of central nervous system myelin that is necessary for normal CNS function. There is growing evidence that the protein determines the permeability between layers of myelin sheaths via focal adhesion and, with its expression highly regulated during development, may play an important role in cellular proliferation and migration. In addition, the protein is a candidate autoantigen in the development of autoimmune demyelinating disease. The protein encoded by this gene belongs to the claudin family of tight junction associated proteins and is a major component of central nervous system myelin that is necessary for normal CNS function. There is growing evidence that the protein determines the permeability between layers of myelin sheaths via focal adhesion and, with its expression highly regulated during development, may play an important role in cellular proliferation and migration. In addition, the protein is a candidate autoantigen in the development of autoimmune demyelinating disease.
Product Categories/Family for anti-CLDN11 antibody	Polyclonal; Signal Proteins; Membrane Protein; Developmental Biology; Disease Related; Immunohistochemistry ; Hepatitis C

NCBI AND UNIPROT INFORMATION

NCBI GI #	10938016
NCBI GeneID	5010
NCBI Accession #	NP_005593
NCBI GenBank Nucleotide #	NM_005602
UniProt Accession #	O75508
Molecular Weight	22kDa
NCBI Official Full Name	claudin-11 isoform 1
NCBI Official Synonym Full Names	claudin 11
NCBI Official Symbol	CLDN11
NCBI Official Synonym Symbols	OSP; OTM
NCBI Protein Information	claudin-11
UniProt Protein Name	Claudin-11
UniProt Gene Name	CLDN11
UniProt Synonym Gene Names	OSP; OTM
UniProt Entry Name	CLD11_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.

