

Rabbit CLDN1 Polyclonal Antibody | anti-CLDN1 antibody

CLDN1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197629	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep	Western Blot, Immunohistochemistry

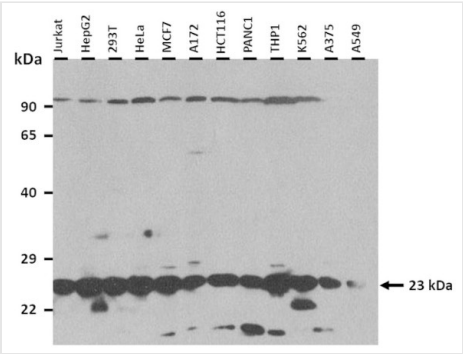
PRODUCT SYNONYMS

CLDN1; Polyclonal Antibody; CLDN1 antibody - C-terminal region; anti-CLDN1 antibody

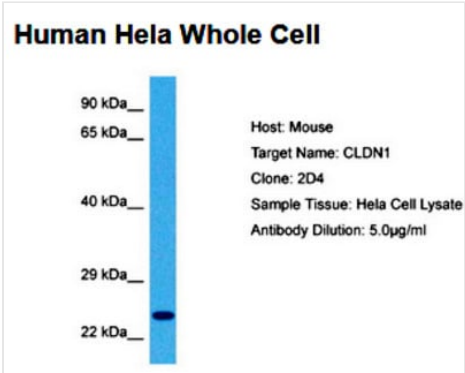
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep
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 sequence: GQ ALFTGWAAAS LCLLGALLC CSCPRKTTSY PTPRPYPKPA PSSGKDYY
Sequence Length	211
Applicable Applications for anti-CLDN1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CLDN1
Protein Size (# AA)	211 amino acids
Protein Interactions	UBC; DRG1; LNX1; TJP3; BRD4; MPDZ; TJP2; CLDN1; INADL; CLDN3; WNK4; TJP1; MMP14; MMP2; CLDN5;
Blocking Peptide	For anti-CLDN1 antibody is Catalog #
Enhanced Validation	WB Y SPR YCHAROS
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

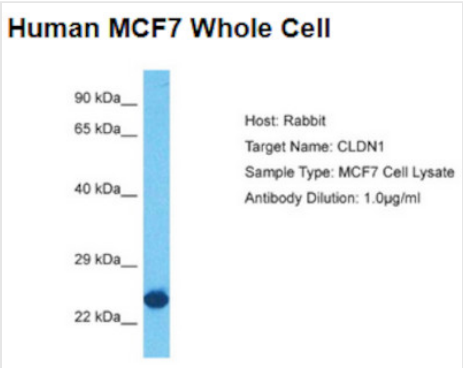
IMAGES



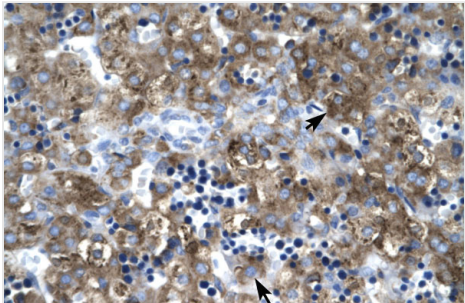
WB (Western Blot)
25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 3 ug/mL of the antibody was used in this experiment.



WB (Western Blot)
Host: RabbitTarget Name: CLDN1Sample Tissue: Human HeLa Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)
Host: RabbitTarget Name: CLDN1Sample Tissue: Human MCF7 Whole CellAntibody Dilution: 3ug/ml



IHC (Immunohistochemistry)
Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN1 antibody	Target Description: 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. This protein, a member of the claudin family, is an integral membrane protein and a component of tight junction strands.
Product Categories/Family for anti-CLDN1 antibody	Polyclonal; Cell Adhesion; Immunohistochemistry; Hepatitis C

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863887
NCBI GeneID	9076
NCBI Accession #	NP_066924
NCBI GenBank Nucleotide #	NM_021101
UniProt Accession #	O95832
Molecular Weight	23kDa
NCBI Official Full Name	claudin-1
NCBI Official Synonym Full Names	claudin 1

NCBI Official Symbol	CLDN1
NCBI Official Synonym Symbols	CLD1; SEMP1; ILVASC
NCBI Protein Information	claudin-1
UniProt Protein Name	Claudin-1
UniProt Gene Name	CLDN1
UniProt Synonym Gene Names	CLD1; SEMP1
UniProt Entry Name	CLD1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/cldn1-antibody-western-blot-immunohistochemistry-elisa/197629>