

Rabbit anti-Human Claudin 1 Polyclonal Antibody | anti-CLDN1 antibody

[KO Validated] Claudin 1 Rabbit pAb

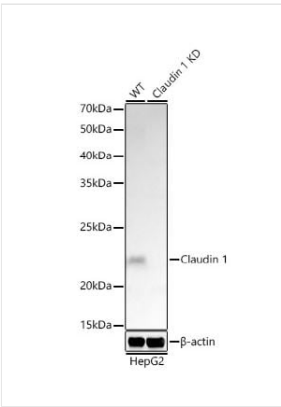
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282399	Rabbit	Human	Western Blot

PRODUCT SYNONYMS

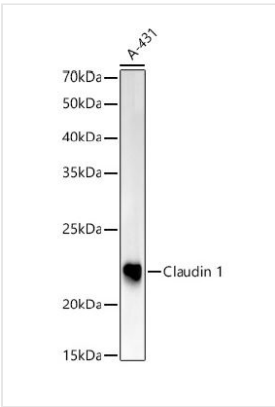
Claudin 1; Polyclonal Antibody; [KO Validated] Claudin 1 Rabbit pAb; CLD1; SEMP1; ILVASC; anti-CLDN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	TAWYGNRIVQ EFYDPMTPVN ARYEFGQALF TGWAAASLCL LGGALLCCSC PRKTTSYPTP RPYPKPAPSS GKDYYV
Applicable Applications for anti-CLDN1 antibody	WB (Western Blot)
Positive Samples	A-431
Cellular Location	Cell junction, Cell membrane, Multi-pass membrane protein, tight junction
Research Area	Signal Transduction, Cell Biology Developmental Biology, Cell Adhesion, Tight Junctions, Cytoskeleton
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 137-211 of human Claudin 1 (NP_066924.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack



WB (Western Blot)
Western blot analysis of extracts from wild type(WT) and Claudin 1 Rabbit pAb knockout (KO) HepG2(KD) cells, using Claudin 1 Rabbit pAb (AAA282399) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



WB (Western Blot)
Western blot analysis of A-431, using Claudin 1 Rabbit pAb (AAA282399) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN1 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. Loss of function mutations result in neonatal ichthyosis-sclerosing cholangitis syndrome.
Product Categories/Family for anti-CLDN1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863887
NCBI GeneID	9076
NCBI Accession #	NP_066924.1
NCBI GenBank Nucleotide #	NM_021101.4
UniProt Accession #	O95832
Molecular Weight	22,744 Da
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; senescence-associated epithelial membrane protein 1
UniProt Protein Name	Claudin-1
UniProt Gene Name	CLDN1
UniProt Synonym Gene Names	CLD1; SEMP1

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://www.aaabiotech.com/polyclonal/claudin-1-antibody-western-blot-elisa/282399>