

Rabbit CLDN18 Polyclonal Antibody | anti-CLDN18 antibody

CLDN18 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198903	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

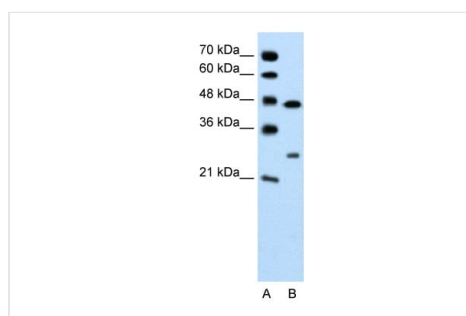
PRODUCT SYNONYMS

CLDN18; Polyclonal Antibody; CLDN18 antibody - C-terminal region; anti-CLDN18 antibody

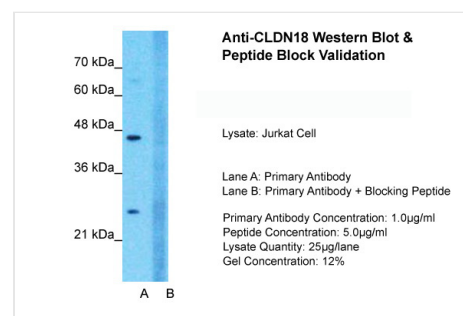
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	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.
Sequence	Synthetic peptide with the following region: PE ETNYKAVSYH ASGHSVAYKP GGFKASTGFG SNTKNKKIYD GGARTEDE
Sequence Length	261
Applicable Applications for anti-CLDN18 antibody	WB (Western Blot)
Homology	Cow: 85%; Dog: 79%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 92%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CLDN18
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-CLDN18 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:312500
 Positive Control: Jurkat cell lysate


WB (Western Blot)

Host: Rabbit
 Target Name: CLDN18
 Sample Type: Jurkat
 Lane A: Primary Antibody
 Lane B: Primary Antibody + Blocking Peptide
 Primary Antibody Concentration: 1ug/ml
 Peptide Concentration: 5.0ug/ml
 Lysate Quantity: 25ug/lane
 Gel Concentration: 12%

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN18 antibody	This is a rabbit polyclonal antibody against CLDN18. It was validated on Western Blot Target Description: CLDN18 belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells.CLDN18 belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells (Niimi et al., 2001).[supplied by OMIM].
Product Categories/Family for anti-CLDN18 antibody	Polyclonal; Membrane Protein; Cell Biology; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345279
NCBI GeneID	51208
NCBI Accession #	NP_001002026
NCBI GenBank Nucleotide #	NM_001002026
UniProt Accession #	P56856
Molecular Weight	28kDa
NCBI Official Full Name	claudin-18 isoform 2
NCBI Official Synonym Full Names	claudin 18
NCBI Official Symbol	CLDN18
NCBI Official Synonym Symbols	SFTA5; SFTPJ
NCBI Protein Information	claudin-18
UniProt Protein Name	Claudin-18
UniProt Gene Name	CLDN18
UniProt Entry Name	CLD18_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.