

Rabbit CLDN4 Polyclonal Antibody | anti-CLDN4 antibody

CLDN4 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197630	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep	Western Blot

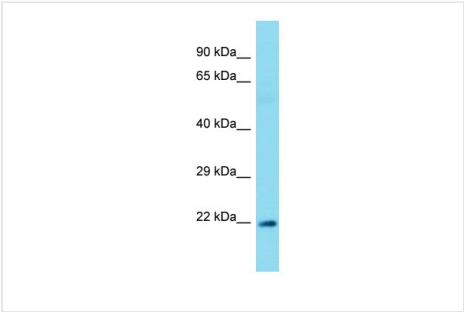
PRODUCT SYNONYMS

CLDN4; Polyclonal Antibody; CLDN4 Antibody - C-terminal region; anti-CLDN4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, 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 located within the following region: KR EMGASLYVGW AASGLLLGG GLLCCNCPPR TDKPYSAKYS AARSAAAS
Sequence Length	209
Applicable Applications for anti-CLDN4 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 92%; Sheep: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human CLDN4
Protein Size (# AA)	209 amino acids
Protein Interactions	SHBG; WNK4; TJP1; EPHA2;
Blocking Peptide	For anti-CLDN4 antibody is Catalog #
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)
Host: RabbitTarget Name: CLDN4Sample Type: large intestine Tumor lysatesAntibody
Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN4 antibody	Target Description: This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems.
Product Categories/Family for anti-CLDN4 antibody	Polyclonal; Cell Adhesion; Membrane Protein; Developmental Biology; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502877
NCBI GeneID	1364
NCBI Accession #	NP_001296
NCBI GenBank Nucleotide #	NM_001305
UniProt Accession #	O14493
Molecular Weight	22kDa
NCBI Official Full Name	claudin-4
NCBI Official Synonym Full Names	claudin 4
NCBI Official Symbol	CLDN4
NCBI Official Synonym Symbols	CPER; CPE-R; CPETR; CPETR1; WBSCR8; hCPE-R
NCBI Protein Information	claudin-4
UniProt Protein Name	Claudin-4
UniProt Gene Name	CLDN4
UniProt Synonym Gene Names	CPER; CPETR1; WBSCR8; CPE-R
UniProt Entry Name	CLD4_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.