

Rabbit CLDN3 Polyclonal Antibody | anti-CLDN3 antibody

CLDN3 antibody

CATALOG # AAA305125	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CLDN3; Polyclonal Antibody; CLDN3 antibody; RVP1; HRVP1; C7orf1; CPE-R2; CPETR2; anti-CLDN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CLDN3 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	220
Applicable Applications for anti-CLDN3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human CLDN3.
Target Name	CLDN3
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human cervical cancer tissue using CLDN3 antibody.



WB (Western Blot)

Western blot analysis of extracts of HT-29 cell line, using CLDN3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN3 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 intronless gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. It is also a low-affinity receptor for Clostridium perfringens enterotoxin, and shares aa sequence similarity with a putative apoptosis-related protein found in rat.
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Product Categories/Family for anti-CLDN3 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502875
NCBI GeneID	1365
NCBI Accession #	NP_001297.1
NCBI GenBank Nucleotide #	NM_001306.3
UniProt Accession #	O15551
Molecular Weight	23,319 Da
NCBI Official Full Name	claudin-3
NCBI Official Synonym Full Names	claudin 3
NCBI Official Symbol	CLDN3
NCBI Official Synonym Symbols	RVP1; HRVP1; C7orf1; CPE-R2; CPETR2
NCBI Protein Information	claudin-3
UniProt Protein Name	Claudin-3
UniProt Gene Name	CLDN3
UniProt Synonym Gene Names	C7orf1; CPETR2; CPE-R 2; CPE-receptor 2; hRVP1
UniProt Entry Name	CLD3_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.