

Rabbit anti-Human, Mouse Claudin 10 Polyclonal Antibody | anti-CLDN10 antibody

Claudin 10 Antibody

CATALOG # AAA301120	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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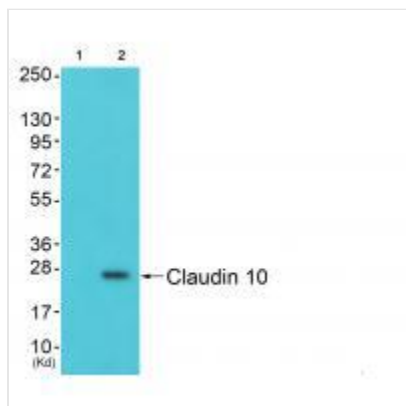
PRODUCT SYNONYMS

Claudin 10; Polyclonal Antibody; Claudin 10 Antibody; Claudin-10; OSP-like protein; CLDN10; anti-CLDN10 antibody

PRODUCT SPECIFICATIONS

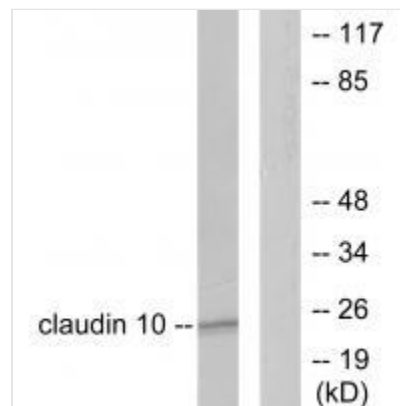
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Claudin 10 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-CLDN10 antibody	WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Claudin 10.
Target Name	Claudin 10
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

Western blot analysis of extracts from A549 cells (Lane 2), using Claudin 10 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using Claudin 10 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN10 antibody	Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. May form permselective paracellular pores; isoform 1 appears to create pores preferentially permeable to cations and isoform 2 for anions. Plays a key role in controlling cation selectivity and transport in the thick ascending limb (TAL) of Henle's loop in kidney.Siu Tim Cheung, Clin. Cancer Res., Jan 2005; 11: 551 - 556.Hiroki Fujita, J. Histochem. Cytochem., Aug 2006; 54: 933 - 944.Christina M. Van Itallie, Am J Physiol Renal Physiol, Dec 2006; 291: F1288 - F1299.Anne Florin, Endocrinology, Mar 2005; 146: 153
Product Categories/Family for anti-CLDN10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	231569235
NCBI GeneID	9071
NCBI Accession #	NP_001153572.1
NCBI GenBank Nucleotide #	NM_001160100.1
UniProt Accession #	P78369; Q6IBF9; Q96N78
Molecular Weight	22,167 Da
NCBI Official Full Name	claudin-10 isoform a_i1
NCBI Official Synonym Full Names	claudin 10
NCBI Official Symbol	CLDN10
NCBI Official Synonym Symbols	OSP-L; CPETRL3
NCBI Protein Information	claudin-10
UniProt Protein Name	Claudin-10
UniProt Gene Name	CLDN10
UniProt Entry Name	CLD10_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.