

Rabbit Claudin 2 Polyclonal Antibody | anti-CLDN2 antibody

Claudin 2 Antibody

CATALOG # AAA307326	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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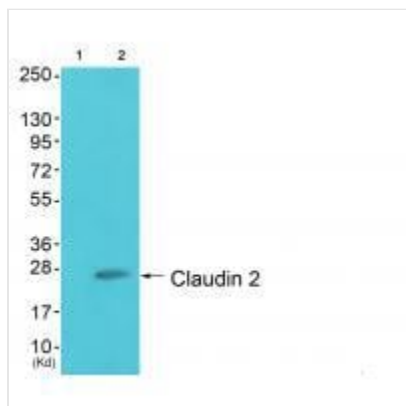
PRODUCT SYNONYMS

Claudin 2; Polyclonal Antibody; Claudin 2 Antibody; CLD2; CLDN2; SP82; anti-CLDN2 antibody

PRODUCT SPECIFICATIONS

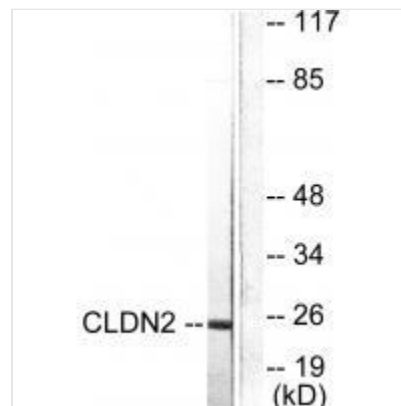
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Claudin 2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG 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	230
Applicable Applications for anti-CLDN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Claudin 2.
Target Name	Claudin 2
Preparation and Storage	Store at -20 degree C

IMAGES



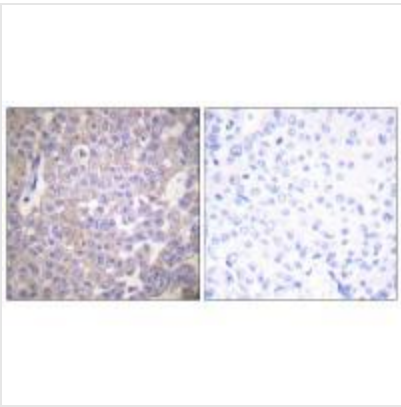
WB (Western Blot)

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



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells, using Claudin 2 antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Claudin 2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN2 antibody	Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity By similarity.Michele A. Battle, PNAS, May 2006; 103: 8419 - 8424.Masahiko Itoh J. Cell Biol., Dec 1999; 147: 1351.Salah Amasheh, J. Cell Sci., Dec 2002; 115: 4969.Evemie Dubé, Biol Reprod, Apr 2007; 10.1095/biolreprod.106.059246.
Product Categories/Family for anti-CLDN2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	283806628
NCBI GeneID	9075
NCBI Accession #	NP_001164563.1
NCBI GenBank Nucleotide #	NM_001171092.1
UniProt Accession #	P57739; B2R6B9
Molecular Weight	24,549 Da
NCBI Official Full Name	claudin-2
NCBI Official Synonym Full Names	claudin 2
NCBI Official Symbol	CLDN2
NCBI Protein Information	claudin-2
UniProt Protein Name	Claudin-2
UniProt Gene Name	CLDN2
UniProt Entry Name	CLD2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/claudin-2-antibody-immunohistochemistry-western-blot-elisa/307326>