

Claudin 4 Antibody | anti-CLDN4 antibody

Claudin 4 Antibody

CATALOG # AAA110220	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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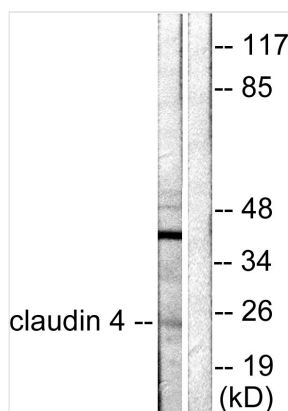
PRODUCT SYNONYMS

Claudin 4; Claudin 4 Antibody; CLD4; CPE-receptor; CPE-R; CPER; CPETR1; Clostridium perfringens enterotoxin receptor; WBSCR8; Williams-Beuren syndrome chromosome region 8 protein; anti-CLDN4 antibody

PRODUCT SPECIFICATIONS

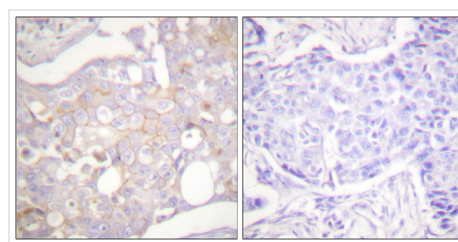
Reactivity	Human, Mouse, Rat
Specificity	Claudin 4 antibody detects endogenous levels of total Claudin 4 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	209
Applicable Applications for anti-CLDN4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human Claudin 4.
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using Claudin 4 antibody.



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Claudin 4 antibody.

ADDITIONAL INFORMATION

References	Rachana Agarwal, Cancer Res., Aug 2005; 65: 7378-7385. Jianghui Hou, J. Biol. Chem., Nov 2006; 281: 36117-36123. Prasad Acharya, Am J Physiol Renal Physiol, Aug 2004; 287: F305-F318. Salah Amasheh, J. Cell Sci., Dec 2002; 115: 4969.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502877
NCBI GeneID	1364
NCBI Accession #	NP_001296.1
NCBI GenBank Nucleotide #	NM_001305.4
UniProt Accession #	O14493
Molecular Weight	22,077 Da
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	; CPE-receptor

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/cldn4-human-mouse-rat-antibody/claudin-4/110220>