

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

CLDN10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232442	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

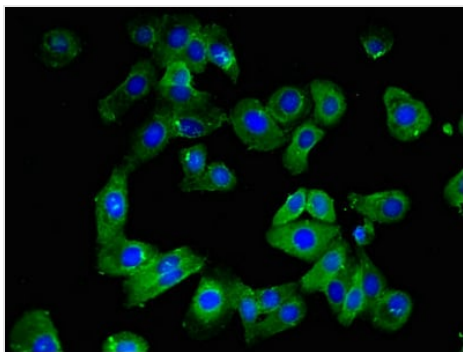
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

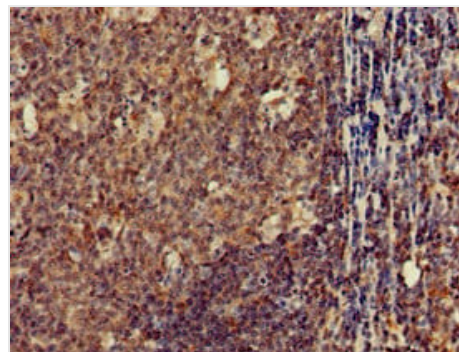
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	207
Applicable Applications for anti-CLDN10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Claudin-10 protein (185-224AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-17675 / sc-17678 / sc-25710 / sc-373946
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



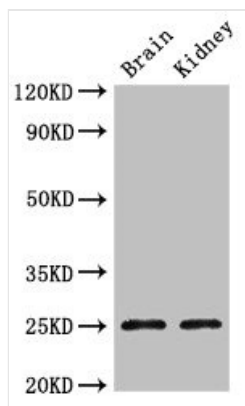
IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA232442 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA232442 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: Mouse brain tissue,Mouse kidney tissueAll lanes:
CLDN10 antibody at 2.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000
dilutionPredicted band size: 25,23 KDaObserved band size: 25 KDa

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.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cldn10-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232442>