

Rabbit anti-Human, Mouse CLDN14 Polyclonal Antibody | anti-CLDN14 antibody

CLDN14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327929	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

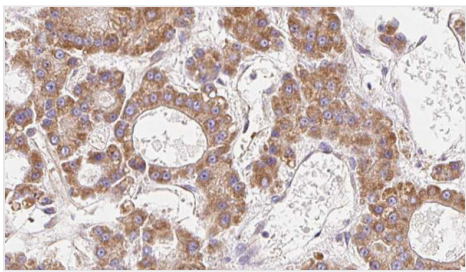
PRODUCT SYNONYMS

CLDN14; Polyclonal Antibody; CLDN14 Antibody; AI851731; Claudin 14; Claudin-14; CLD14_HUMAN; CLDN 14; DFNB 29; DFNB29; Human CLDN14 gene; MGC109472; OTTHUMP00000109046; OTTHUMP00000109049; OTTMUSP00000021531; UNQ777/PRO1571; anti-CLDN14 antibody

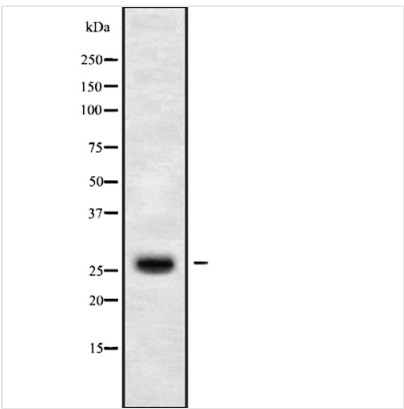
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CLDN14 antibody detects endogenous levels of total CLDN14
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	239
Applicable Applications for anti-CLDN14 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CLDN14
Subcellular Location	Cell Junction > Tight Junction. Cell Membrane.
Tissue Specificity	Liver, kidney. Also found in ear.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog, Chicken
Similarity	Pig (80%), Bovine (90%), Horse (90%), Rabbit (100%), Dog (80%), Chicken (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327929 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of CLDN14 using HuvEc whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN14 antibody	Function: Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. Similarity: Belongs to the claudin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225703138
NCBI GeneID	23562
NCBI Accession #	NP_001139549.1
NCBI GenBank Nucleotide #	NM_001146077.1
UniProt Accession #	O95500
Molecular Weight	Observed: 26 kDa Predicted: 26 kDa
NCBI Official Full Name	claudin-14
NCBI Official Synonym Full Names	claudin 14
NCBI Official Symbol	CLDN14
NCBI Official Synonym Symbols	DFNB29
NCBI Protein Information	claudin-14
UniProt Protein Name	Claudin-14
UniProt Gene Name	CLDN14

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.