

Rabbit Claudin-14 Polyclonal Antibody | anti-CLDN14 antibody

Rabbit anti-human Claudin-14 polyclonal Antibody(CLDN14)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA18848	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

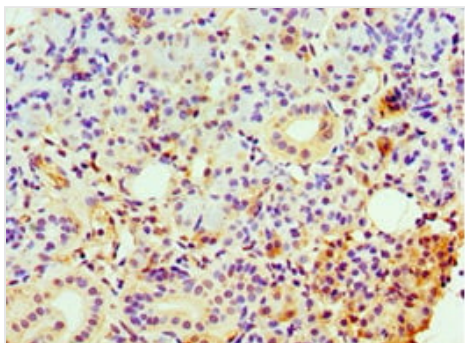
PRODUCT SYNONYMS

Claudin-14; Polyclonal Antibody; Rabbit anti-human Claudin-14 polyclonal Antibody(CLDN14); CLDN14; anti-CLDN14 antibody

PRODUCT SPECIFICATIONS

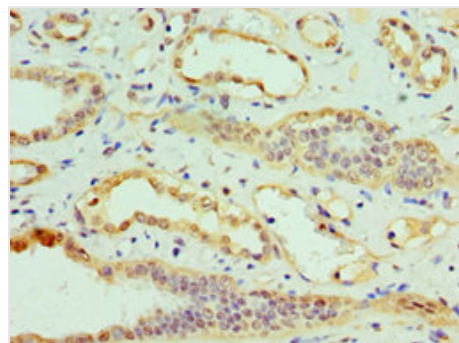
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CLDN14 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:200-1:1000 IHC: 1:20-1:200
Conjugate	Non-conjugated
Immunogen	Recombinant Human Claudin-14 protein (140-239AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	CLDN14
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47842 / sc-135211
Preparation and Storage	Upon receipt store at -20°C at -80°C. Avoid freeze.

IMAGES



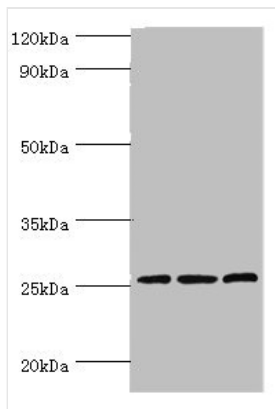
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreas tissue using AAA18848 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA18848 at dilution 1:100



WB (Western Blot)

All lanes: Claudin-14 antibody at 4ug/ml
 Lane 1: Rat liver tissue
 Lane 2: Mouse kidney tissue
 Lane 3: Hela whole cell lysate
 Secondary: Goat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 26kDa
 Observed band size: 26kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN14 antibody

The polyclonal CLDN14 antibody is raised in rabbits against the recombinant human CLDN14 protein (140-239AA). It occurs as an unconjugated IgG. It underwent antigen affinity purified. And it shows reactivity with CLDN14 of human-, mouse-, and rat-origin. The target protein CLDN14 is important for the physiology of cochlear hair cells in the inner ear. Studies found that dysregulation of the renal CaSR-CLDN14 pathway could contribute significantly to the development of hypercalciuria, and hence the generation of kidney stones and osteoporosis. This anti-CLDN14 antibody can be used to recognize the CLDN14 protein in ELISA, WB, and IHC applications.

NCBI AND UNIPROT INFORMATION

NCBI GI #	225703138
NCBI GeneID	23562
NCBI Accession #	NP_001139549.1
NCBI GenBank Nucleotide #	NM_001146077.1
UniProt Accession #	O95500
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
UniProt Entry Name	CLD14_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-14-antibody-western-blot-immunohistochemistry-elisa/18848>