Rabbit anti-Human, Rat CLDN19 Polyclonal Antibody | anti-CLDN19 antibody

CLDN19 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324617	**Rabbit**	**Human, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

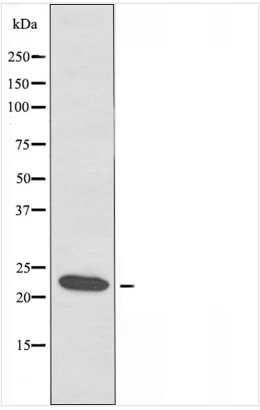
PRODUCT SYNONYMS

CLDN19; Polyclonal Antibody; CLDN19 Antibody; Claudin 19; CLDN 19; anti-CLDN19 antibody

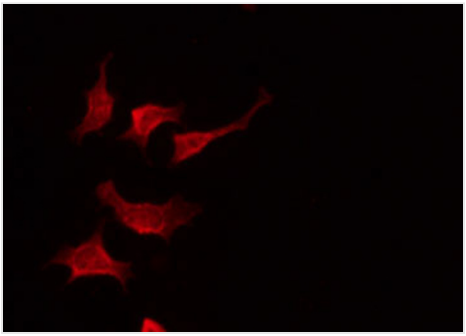
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CLDN19 antibody detects endogenous levels of total CLDN19
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	211
Applicable Applications for anti-CLDN19 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Plasma Membrane
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog**
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells using CLDN19 antibody.



IF (Immunofluorescence)
AAA324617 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN19 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	183979975
NCBI GeneID	149461
NCBI Accession #	NP_001116867.1
NCBI GenBank Nucleotide #	NM_001123395.1
UniProt Accession #	Q8N6F1; Q5QT57; Q8N8X0; B7Z5I2; F5H5P9
Molecular Weight	Observed: 23 kD Predicted: 24 kDa
NCBI Official Full Name	claudin-19 isoform b
NCBI Official Synonym Full Names	claudin 19
NCBI Official Symbol	CLDN19
NCBI Official Synonym Symbols	HOMG5
NCBI Protein Information	claudin-19
UniProt Protein Name	Claudin-19
UniProt Gene Name	**CLDN19**

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/cldn19-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324617