

Rabbit Claudin 2 Polyclonal Antibody | anti-CLDN2 antibody

Rabbit anti Claudin 2 Polyclonal Antibody

CATALOG # AAA71313	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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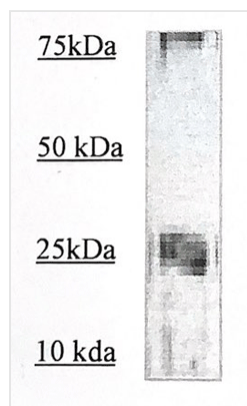
PRODUCT SYNONYMS

Claudin 2; Polyclonal Antibody; Rabbit anti Claudin 2 Polyclonal Antibody; CLDN2; anti-CLDN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody only recognizes Claudin-2 protein. It cross-reacts with human, rat and mouse. Others not tested.
Purity/Purification	Affinity Purification
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Sequence Length	230
Applicable Applications for anti-CLDN2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Preparation	A synthetic peptide from C-terminus of human claudin 2 protein.
Positive Control	A431, Skin tissue
Cellular Location	Cellular junction/gap
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°. The antibodies can be stored at 2-8°C for one month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

the cell lysate derived from 80% confluence -A431 was immunoprobed by Rabbit anti-Claudin 2 (AAA71313) at 1:500. an immune-reactive band is observed around ~24kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN2 antibody	The claudin superfamily consists of many structurally related proteins in humans. These proteins, which include claudin 1 through 18, are important structural and functional components of tight junctions in paracellular transport. The tight junctions are specialized regions of cell to cell contact. Claudins are located in both epithelial and endothelial cells in all tight junction-bearing tissues. Claudins, which consist of four trans-membrane domains and two extracellular loops, make up tight junction strands. Different tissues exhibit different Claudin composition.
References	Hashizume A; Ueno T; Furuse M; Tsukita S; Nakanishi Y; Hieda Y (2004), Expression patterns of claudin family of tight junction membrane proteins in developing mouse submandibular gland. Dev Dyn 231 (2), 425-431.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10503980
NCBI GeneID	9075
Molecular Weight	24 kDa
NCBI Official Full Name	claudin 2
NCBI Official Synonym Full Names	claudin 2
NCBI Official Symbol	CLDN2
NCBI Protein Information	claudin-2
UniProt Protein Name	Claudin-2
UniProt Gene Name	CLDN2

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-2-antibody-western-blot-immunohistochemistry-elisa/71313>