Rabbit anti-Human Claudin18 Polyclonal Antibody

Anti-Claudin18 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258866	**Rabbit**	**Human**	**Immunohistochemistry**

PRODUCT SYNONYMS

Claudin18; Polyclonal Antibody; Anti-Claudin18 Antibody; Rabbit Polyclonal; claudin 18; Anti-SFTA5 Antibody; Anti-SFTPJ Antibody; anti-Claudin18 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Claudin18
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Claudin18 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the of the Human Claudin18
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the of the Human Claudin18, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunochemical staining of human CLDN18 in human stomach with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

IHC (Immunohistochemistry)
Immunochemical staining of human CLDN18 in human gastric cancer with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-Claudin18 antibody	Claudins family member Claudin18 (CLDN18) is a four-pass transmembrane protein with two extracellular loops and cytoplasmic N- and C-tails found in tight junctions. CLDN18 modulates paracellular permeability, polarity, and signaling. CLDN18 deficiency has been associated with atrophic gastritis, spasmolytic polypeptide-expressing metaplasia (SPEM), and asthma. Lung-specific CLDN18.1 modulates alveolar epithelial type II (AT2) cell proliferation and organ size. Restoration of CLDN18.1 expression in human lung cancer cells has been shown to suppress proliferation, inhibiting the IGF-1R/AKT axes. Not expressed in other healthy tissues, gastric mucosa-specific isoform CLDN18.2 expression manifests in primary gastric cancers. CLDN18.2 at the surface of epithelial tumor cells is a target in antibody and CAR-therapies currently in development.

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/claudin18-antibody-immunohistochemistry-elisa/258866