

Rabbit anti-Human CLDN12 Polyclonal Antibody | anti-CLDN12 antibody

Anti-CLDN12 Antibody, Rabbit Polyclonal

CATALOG # AAA255868	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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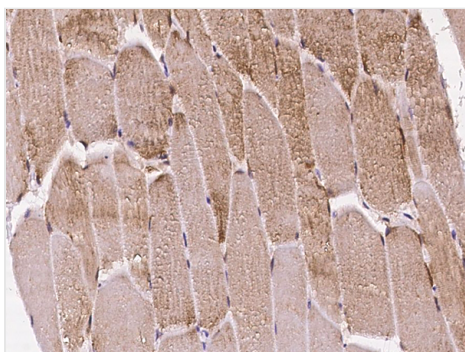
PRODUCT SYNONYMS

CLDN12; Polyclonal Antibody; Anti-CLDN12 Antibody; Rabbit Polyclonal; CLDN12 Antibody; Rabbit PAb; Antigen Affinity Purified; anti-CLDN12 antibody

PRODUCT SPECIFICATIONS

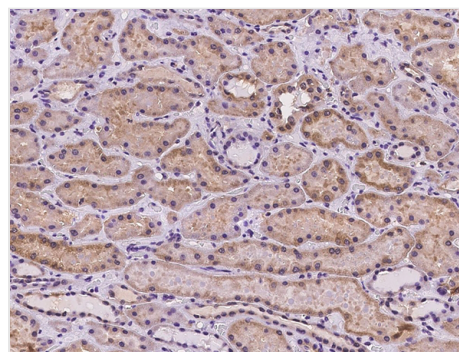
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CLDN12
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CLDN12 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human CLDN12 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CLDN12 fragment, 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. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human CLDN12 in human skeletal muscle with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human CLDN12 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN12 antibody	Claudins (CLDNs) are integral membrane proteins localized at tight junctions, which are responsible for establishing and maintaining epithelial cell polarity and it is accepted that the CLDNs are low expressed in the mesenchymal cells. In mammals, the CLDN family includes 27 members divided into two groups: classic and nonclassic CLDNs. Almost all CLDNs have a short intracellular N-terminal domain, four transmembrane domains, two extracellular loops, and an intracellular C-terminal domain. CLDNs are expressed in a cell-and tissue-specific manner. Their expression can be regulated by various mechanisms at the transcriptional or posttranscriptional level, but also via mRNA stability modulation and through epigenetic mechanisms.
References	Tian X, et al. (2019) The cytoplasmic expression of cldn12 predicts an unfavorable prognosis and promotes proliferation and migration of osteosarcoma. Cancer Manag Res 11 9339-9351.

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/cldn12-antibody-immunohistochemistry-elisa/255868>