

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

CLDN12 Antibody

CATALOG # AAA309235	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

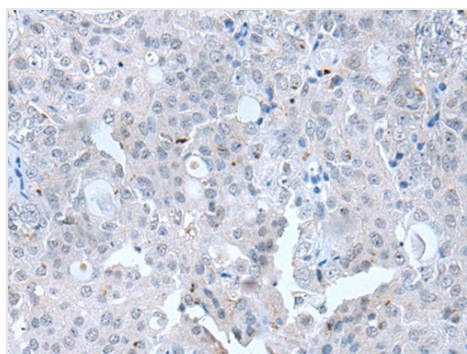
PRODUCT SYNONYMS

CLDN12; Polyclonal Antibody; CLDN12 Antibody; anti-CLDN12 antibody

PRODUCT SPECIFICATIONS

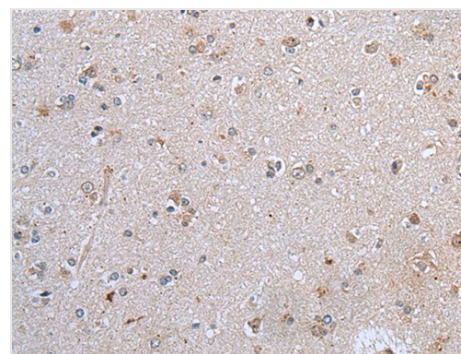
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CLDN12 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.1mg/ml (varies by lot)
Sequence Length	244
Applicable Applications for anti-CLDN12 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CLDN12
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CLDN12 Antibody at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using CLDN12 Antibody at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN12 antibody	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is expressed in the inner ear and bladder epithelium, and it is over-expressed in colorectal carcinomas. This protein and claudin 2 are critical for vitamin D-dependent Ca2+ absorption between enterocytes. Multiple alternatively spliced transcript variants encoding the same protein have been found.
Product Categories/Family for anti-CLDN12 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	297374758
NCBI GeneID	9069
NCBI Accession #	NP_001172001.1
NCBI GenBank Nucleotide #	NM_001185072.2
UniProt Accession #	P56749; Q7LDZ0; D6W5Q4
Molecular Weight	27,110 Da
NCBI Official Full Name	claudin-12
NCBI Official Synonym Full Names	claudin 12
NCBI Official Symbol	CLDN12
NCBI Protein Information	claudin-12
UniProt Protein Name	Claudin-12
UniProt Gene Name	CLDN12
UniProt Entry Name	CLD12_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.