

Rabbit anti-Human Claudin 6 Monoclonal Antibody | anti-CLDN6 antibody

Claudin 6 Rabbit mAb

CATALOG # AAA283041	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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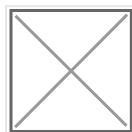
PRODUCT SYNONYMS

Claudin 6; Monoclonal Antibody; Claudin 6 Rabbit mAb; anti-CLDN6 antibody

PRODUCT SPECIFICATIONS

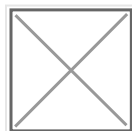
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SGIVFVISGV LTLIPVCWTA HAIIRDFYNP LVAEAQKREL GASLYLGWAA SGLLLGGGL LCCTCPSGGS QGPSHYMARY STSAPAISRG PSEYPTKNYV
Applicable Applications for anti-CLDN6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 119-219 of human Claudin 6(NP_067018.2)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



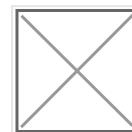
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human seminoma tissue using Claudin 6 Rabbit mAb (AAA283041) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates, using Claudin 6 Rabbit mAb (AAA283041) at 1:3000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 15s.



WB (Western Blot)

Western blot analysis of various lysates, using Claudin 6 Rabbit mAb (AAA283041) at 1:3000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN6 antibody	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. This gene encodes a component of tight junction strands, which is a member of the claudin family. The protein is an integral membrane protein and is one of the entry cofactors for hepatitis C virus. The gene methylation may be involved in esophageal tumorigenesis. This gene is adjacent to another family member CLDN9 on chromosome 16.
Product Categories/Family for anti-CLDN6 antibody	Signal Transduction ; Cell Biology Developmental Biology ; Cell Adhesion ; Tight Junctions ; Cytoskeleton ; Stem Cells ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792768
NCBI GeneID	9074
NCBI Accession #	NP_067018.2
NCBI GenBank Nucleotide #	NM_021195.4
UniProt Accession #	P56747 ; B3KQP9 ; D3DUA5
Molecular Weight	Calculated MW: 23kDa Observed MW: 22kDa
UniProt Protein Name	Claudin-6
UniProt Gene Name	CLDN6
UniProt Entry Name	CLD6_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.