

Claudin-6 rabbit pAb**Cat#: orb764865 (Manual)**

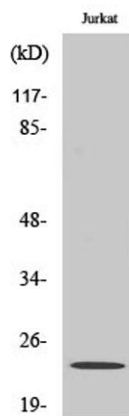
For research use only. Not intended for diagnostic use.

Product Name	Claudin-6 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CLDN6. AA range:81-130
Specificity	Claudin-6 Polyclonal Antibody detects endogenous levels of Claudin-6 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Claudin-6
Gene Name	CLDN6
Cellular localization	Cell junction, tight junction . Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

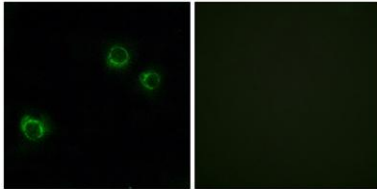
Concentration	1 mg/ml
Observed band	26kD
Human Gene ID	9074
Human Swiss-Prot Number	P56747
Alternative Names	CLDN6; Claudin-6; Skullin

Background

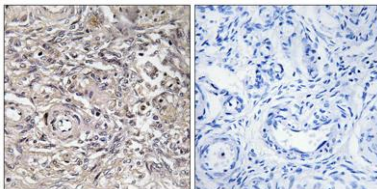
Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous 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.[provided by RefSeq, Aug 2010],



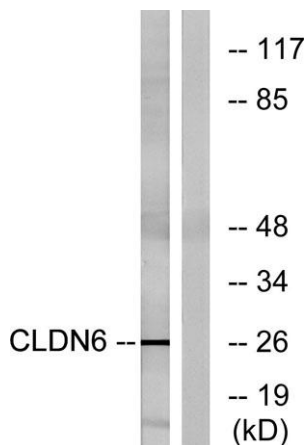
Western Blot analysis of various cells using Claudin-6 Polyclonal Antibody



Immunofluorescence analysis of HUVEC cells, using CLDN6 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human ovary tissue, using CLDN6 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using CLDN6 Antibody. The lane on the right is blocked with the synthesized peptide.