



Rabbit Anti-Claudin 6 antibody

SL3754R

Product Name:	Claudin 6
Chinese Name:	紧密连接蛋白6抗体
Alias:	Claudin6; CLDN 6; CLDN6; Skullin 2; CLD6_HUMAN; Claudin-6; Claudin 6; OTTHUMP00000159248; Skullin-2; Skullin; UNQ757/PRO1488.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,Rabbit,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	23kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Claudin 6:111-220/220<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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]

Function:

Plays a major role in tight junction-specific obliteration of the intercellular space.

Subunit:

Directly interacts with TJP1/ZO-1, TJP2/ZO-2 and TJP3/ZO-3.

Subcellular Location:

Cell junction, tight junction. Cell membrane; Multi-pass membrane protein.

Similarity:

Belongs to the claudin family.

SWISS:

P56747

Gene ID:

9074

Database links:

[Entrez Gene: 9074](#)Human

[Entrez Gene: 54419](#)Mouse

[SwissProt: P56747](#)Human

[SwissProt: Q9Z262](#)Mouse

[Unigene: 533779](#)Human

[Unigene: 485133](#)Mouse

[Unigene: 86421](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.