



Claudin 6 Polyclonal Antibody

Catalog Number PA5-49420

Product Data Sheet

Details		Species Reactivity	
Size	400µl	Tested species reactivity	Mouse
Host / Isotype	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal	Flow Cytometry (Flow)	1:25
Type	Antibody	Western Blot (WB)	1:1000
Immunogen	KLH conjugated synthetic peptide between 186-229 amino acids from the C-terminal region of mouse Cldn6.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	Lot-Specific		
Purification	Antigen affinity chromatography		
Storage Buffer	PBS		
Contains	0.09% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Background/Target Information

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.

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