

Anti-Claudin-3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Sheep)
Molecular Weight:	Theoretical: 23 kDa.
Purification:	Protein A purified

Applications

Application:	IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CLDN3
Antigen Species:	Human
Gene ID:	1365
Uniprot ID:	O15551
Synonyms:	Rat ventral prostate.1 protein homolog (hRVP1);C7orf1;CPETR2;Clostridium perfringens enterotoxin receptor 2 (CPE-R 2;CPE-receptor 2);CLDN3;Claudin-3
Biology Area:	Response to hypoxia,Hypoxia,Tight Junctions

Research 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. The protein encoded by this intronless gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. It is also a low-affinity receptor for Clostridium perfringens enterotoxin, and shares aa sequence similarity with a putative apoptosis-related protein found in rat. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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