

Claudin-6(Phospho Tyr219) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14986
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Claudin 6 around the phosphorylation site of Tyr219. AA range:171-220
Mol wt	23292
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Claudin-6
Synonyms	Claudin-6; CLDN6; Claudin-6; Skullin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

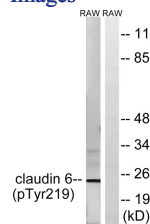
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from RAW264.7 cells treated with UV 5', using Claudin 6 (Phospho-Tyr219) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year