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CLDN6 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP10712c

Specification

CLDN6 Antibody (Center) Blocking peptide - Product Information

Primary Accession P56747

CLDN6 Antibody (Center) Blocking peptide - Additional Information

Gene ID 9074

Other Names
Claudin-6, Skullin, CLDN6

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CLDN6 Antibody (Center) Blocking peptide - Protein Information

Name CLDN6

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

Cellular Location
Cell junction, tight junction {ECO:0000250|UniProtKB:Q9Z262}. Cell membrane; Multi-pass membrane protein

Tissue Location
Expressed in the liver, in peripheral blood mononuclear cells and hepatocarcinoma cell lines

CLDN6 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CLDN6 Antibody (Center) Blocking peptide - Images

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CLDN6 Antibody (Center) Blocking peptide - Background

Tight junctions represent one mode of cell-to-celladhesion in epithelial or endothelial cell sheets, formingcontinuous seals around cells and serving as a physical barrier toprevent solutes and water from passing freely through theparacellular space. These junctions are comprised of sets ofcontinuous networking strands in the outwardly facing cytoplasmicleaflet, with complementary grooves in the inwardly facingextracytoplasmic leaflet. This gene encodes a component of tightjunction strands, which is a member of the claudin family. Theprotein is an integral membrane protein and is one of the entrycofactors for hepatitis C virus. The gene methylation may beinvolved in esophageal tumorigenesis. This gene is adjacent toanother family member CLDN9 on chromosome 16.

CLDN6 Antibody (Center) Blocking peptide - References

Wu, Q., et al. Eur. J. Cancer Prev. 19(3):186-194(2010)Kleinschmidt-DeMasters, B.K., et al. Am. J. Surg. Pathol. 34(3):341-354(2010)Rendon-Huerta, E., et al. J Gastrointest Cancer 41(1):52-59(2010)Wu, Q., et al. Zhonghua Yi Xue Za Zhi 90(6):407-412(2010)Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)