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CLDN22 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP10232c

Specification

CLDN22 Antibody (Center) Blocking peptide - Product Information

Primary Accession	Q8N7P3
Other Accession	NP_001104789.1

CLDN22 Antibody (Center) Blocking peptide - Additional Information

Gene ID 53842

Other Names
Claudin-22, CLDN22

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.

CLDN22 Antibody (Center) Blocking peptide - Protein Information

Name CLDN22

Function
Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

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

CLDN22 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

CLDN22 Antibody (Center) Blocking peptide - Images

CLDN22 Antibody (Center) Blocking peptide - Background

This gene encodes a member of the claudin family. Claudinsare integral membrane proteins and components of tight junctionstrands. Tight junction strands serve as a physical barrier toprevent solutes and water from passing freely through theparacellular space between epithelial or endothelial cell sheets,and also play critical roles in maintaining cell polarity andsignal transductions. This gene is intronless and overlaps the 3'UTR of the WWC2 gene (GeneID: 80014) on the opposite strand.

CLDN22 Antibody (Center) Blocking peptide - References

Lal-Nag, M., et al. Genome Biol. 10 (8), 235 (2009) :Krause, G., et al. Biochim. Biophys. Acta 1778(3):631-645(2008)Hillier, L.W., et al. Nature 434(7034):724-731(2005)Katoh, M., et al. Int. J. Mol. Med. 11(6):683-689(2003)Gonzalez-Mariscal, L., et al. Prog. Biophys. Mol. Biol. 81(1):1-44(2003)