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CGNL1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16937a

Specification

CGNL1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q0VF96

CGNL1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 84952

Other Names
Cingulin-like protein 1, Junction-associated coiled-coil protein, Paracingulin, CGNL1, JACOP, KIAA1749

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.

CGNL1 Antibody (N-term) Blocking Peptide - Protein Information

Name CGNL1

Synonyms JACOP, KIAA1749

Function
May be involved in anchoring the apical junctional complex, especially tight junctions, to actin-based cytoskeletons.

Cellular Location
Cell junction, tight junction {ECO:0000250|UniProtKB:Q6AW69}. Note=Localizes to the apical junction complex composed of tight and adherens junctions (PubMed:22891260). In the liver and kidney, it is also found along non-junctional actin filament bundles in addition to the apical junction (By similarity) {ECO:0000250|UniProtKB:Q6AW69, ECO:0000269|PubMed:22891260}

Tissue Location
Smooth muscle, spleen, testis, fetal brain, amygdala, corpus callosum, cerebellum, thalamus and subthalamic nucleus of adult brain.

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CGNL1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CGNL1 Antibody (N-term) Blocking Peptide - Images

CGNL1 Antibody (N-term) Blocking Peptide - Background

CGNL1 may be involved in anchoring the apical junctional complex, especially tight junctions, to actin-based cytoskeletons (By similarity).

CGNL1 Antibody (N-term) Blocking Peptide - References

Guillemot, L., et al. Mol. Biol. Cell 19(10):4442-4453(2008)Ohnishi, H., et al. J. Biol. Chem. 279(44):46014-46022(2004)Shozu, M., et al. N. Engl. J. Med. 348(19):1855-1865(2003)