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CLRN1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP7339b

Specification

CLRN1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P58418

CLRN1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 7401

Other Names
Clarin-1, Usher syndrome type-3 protein, CLRN1, USH3A

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7339b was selected from the C-term region of human CLRN1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

CLRN1 Antibody (C-term) Blocking Peptide - Protein Information

Name CLRN1

Synonyms USH3A

Function
May have a role in the excitatory ribbon synapse junctions between hair cells and cochlear ganglion cells and presumably also in analogous synapses within the retina.

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Widely expressed. Found in the retina.

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CLRN1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CLRN1 Antibody (C-term) Blocking Peptide - Images

CLRN1 Antibody (C-term) Blocking Peptide - Background

CLRN1 is a protein that contains a cytosolic N-terminus, multiple helical transmembrane domains, and an endoplasmic reticulum membrane retention signal, TKGH, in the C-terminus. The protein may be important in development and homeostasis of the inner ear and retina.

CLRN1 Antibody (C-term) Blocking Peptide - References

Herrera,W., Aleman,T.S. Invest. Ophthalmol. Vis. Sci. 49 (6), 2651-2660 (2008)Aller,E., Jaijo,T. Clin. Genet. 66 (6), 525-529 (2004)Joensuu,T., Hamalainen,R. Genomics 63 (3), 409-416 (2000)