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CLCC1 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP5332a

Specification

CLCC1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q96S66
Other Accession	NP_055942.1

CLCC1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 23155

Other Names
Chloride channel CLIC-like protein 1, Mid-1-related chloride channel protein 1, CLCC1, KIAA0761, MCLC

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.

CLCC1 Antibody (N-term) Blocking peptide - Protein Information

Name CLCC1

Synonyms KIAA0761, MCLC

Function
Seems to act as a chloride ion channel (PubMed:30157172). Plays a role in retina development (PubMed:30157172).

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane {ECO:0000250|UniProtKB:Q9WU61}; Multi-pass membrane protein. Nucleus membrane {ECO:0000250|UniProtKB:Q9WU61}; Multi- pass membrane protein. Note=Within the endoplasmic reticulum (ER), localizes to the mitochondria-associated ER membrane, a zone of contact between the ER and mitochondrial membranes

Tissue Location
Expressed in the retina of the eye, with extensive expression in the lamina cribrosa, optic nerve,

ganglion cell layer, inner nuclear layer, outer nuclear layer and retinal pigment epithelium.

CLCC1 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

CLCC1 Antibody (N-term) Blocking peptide - Images

CLCC1 Antibody (N-term) Blocking peptide - Background

CLCC1 seems to act as a chloride ion channel.

CLCC1 Antibody (N-term) Blocking peptide - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)Nagasawa, M., et al. J. Biol. Chem. 276(23):20413-20418(2001)