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MLC1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18966b

Specification

MLC1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q15049

MLC1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 23209

Other Names
Membrane protein MLC1, MLC1, KIAA0027, WKL1

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.

MLC1 Antibody (C-term) Blocking Peptide - Protein Information

Name MLC1

Synonyms KIAA0027, WKL1

Function
Regulates the response of astrocytes to hypo-osmosis by promoting calcium influx.

Cellular Location
Membrane; Multi-pass membrane protein. Cell membrane Cytoplasm, perinuclear region Endoplasmic reticulum

Tissue Location
Expressed in the brain, with highest levels found in the amygdala, nucleus caudatus, thalamus and hippocampus

MLC1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MLC1 Antibody (C-term) Blocking Peptide - Images

MLC1 Antibody (C-term) Blocking Peptide - Background

The function of this gene product is unknown; however,homology to other proteins suggests that it may be an integralmembrane transporter. Mutations in this gene have been associatedwith megalencephalic leukoencephalopathy with subcortical cysts, anautosomal recessive neurological disorder. Alternatively splicedtranscript variants encoding different isoforms have beenidentified.

MLC1 Antibody (C-term) Blocking Peptide - References

Yis, U., et al. Turk. J. Pediatr. 52(2):179-183(2010)Lanciotti, A., et al. Neurobiol. Dis. 37(3):581-595(2010)Shukla, P., et al. Prenat. Diagn. 28(4):357-359(2008)Ambrosini, E., et al. Mol. Cell. Neurosci. 37(3):480-493(2008)Selch, S., et al. Biol. Psychiatry 61(10):1211-1214(2007)