

MLC1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18966b

Specification

MLC1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q15049
Other Accession	Q60HE7 , NP_055981.1
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	41141
Antigen Region	337-366

MLC1 Antibody (C-term) - Additional Information

Gene ID 23209

Other Names

Membrane protein MLC1, MLC1, KIAA0027, WKL1

Target/Specificity

This MLC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 337-366 amino acids from the C-terminal region of human MLC1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MLC1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MLC1 Antibody (C-term) - 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

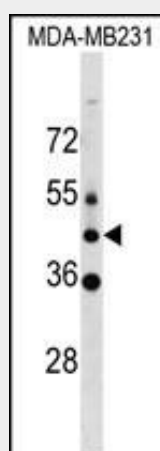
Expressed in the brain, with highest levels found in the amygdala, nucleus caudatus, thalamus and hippocampus

MLC1 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MLC1 Antibody (C-term) - Images



MLC1 Antibody (C-term) (Cat. #AP18966b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the MLC1 antibody detected the MLC1 protein (arrow).

MLC1 Antibody (C-term) - Background

The function of this gene product is unknown; however, homology to other proteins suggests that it may be an integral membrane transporter. Mutations in this gene have been associated with megalencephalic leukoencephalopathy with subcortical cysts, an autosomal recessive neurological disorder. Alternatively spliced transcript variants encoding different isoforms have been identified.

MLC1 Antibody (C-term) - 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)