

MLC1 (aa179-193) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3955a**Specification**

MLC1 (aa179-193) Antibody (internal region) - Product Information

Application	WB
Primary Accession	Q15049
Other Accession	NP_055981.1 , 23209
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	41141

MLC1 (aa179-193) Antibody (internal region) - Additional Information**Gene ID** 23209**Other Names**

Membrane protein MLC1, MLC1, KIAA0027, WKL1

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MLC1 (aa179-193) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MLC1 (aa179-193) Antibody (internal region) - Protein Information**Name** MLC1**Synonyms** KIAA0027, WKL1**Function**

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

Cellular LocationMembrane; 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 (aa179-193) Antibody (internal region) - 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 (aa179-193) Antibody (internal region) - Images

AF3955a (1 µg/ml) staining of Hippocampus lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

MLC1 (aa179-193) Antibody (internal region) - Background

Reported variants represent identical protein: NP_631941.1, NP_055981.1.

MLC1 (aa179-193) Antibody (internal region) - References

Molecular mechanisms of MLC1 and GLIALCAM mutations in megalencephalic leukoencephalopathy with subcortical cysts. López-Hernández T, Sirisi S, Capdevila-Nortes X, Montolio M, Fernández-Dueñas V, Scheper GC, van der Knaap MS, Casquero P, Ciruela F, Ferrer I, Nunes V, Estévez R. Hum Mol Genet. 2011 Aug 15;20(16):3266-77. PMID: 21624973