

MLC1 / MLC Antibody (aa179-193)
Goat Polyclonal Antibody
Catalog # ALS16140**Specification**

MLC1 / MLC Antibody (aa179-193) - Product Information

Application	WB, IHC
Primary Accession	Q15049
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	41kDa KDa

MLC1 / MLC Antibody (aa179-193) - Additional Information**Gene ID** 23209**Other Names**

Membrane protein MLC1, MLC1, KIAA0027, WKL1

Target/Specificity

Human MLC1 / MLC. Reported variants represent identical protein: NP_631941.1, NP_055981.1.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

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

MLC1 / MLC Antibody (aa179-193) - 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 / MLC Antibody (aa179-193) - Protocols

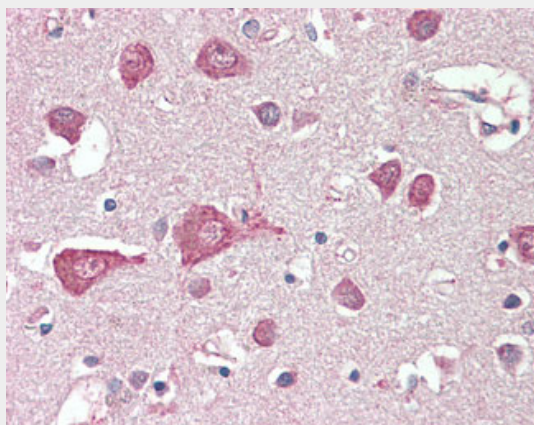
Provided below are standard protocols that you may find useful for product applications.

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

MLC1 / MLC Antibody (aa179-193) - Images



MLC1 antibody (1 ug/ml) staining of Hippocampus lysate (35 ug protein in RIPA buffer).



Anti-MLC1 / MLC antibody IHC staining of human brain, cortex.

MLC1 / MLC Antibody (aa179-193) - Background

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

MLC1 / MLC Antibody (aa179-193) - References

- Meyer J., et al. Mol. Psychiatry 6:302-306(2001).
Nomura N., et al. DNA Res. 1:27-35(1994).
Nakajima D., et al. DNA Res. 9:99-106(2002).
Collins J.E., et al. Genome Biol. 5:R84.1-R84.11(2004).

Ota T.,et al.Nat. Genet. 36:40-45(2004).