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Research Use Only. Not for diagnostic or therapeutic use.

EB11998 - Goat Anti-MLC1 (aa179-193) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MLC1, megalencephalic leukoencephalopathy with subcortical cysts 1,

LVM, MLC, VL, membrane protein MLC1

Official Symbol: MLC1

Accession Number(s): NP_055981.1

Human GenelD(s): 23209

Important Comments: Reported variants represent identical protein: NP_631941.1,

NP_055981.1.

Immunogen

Peptide with sequence C-SDSANILDEVPFPAR, from the internal region of the protein sequence according to NP_055981.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 70kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 41.1kDa according to NP_055981.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (López-Hernández et al, Hum Mol Genet. 2011 Aug 15;20(16):3266-77.PMID:21624973). Recommended concentration: 1-3μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

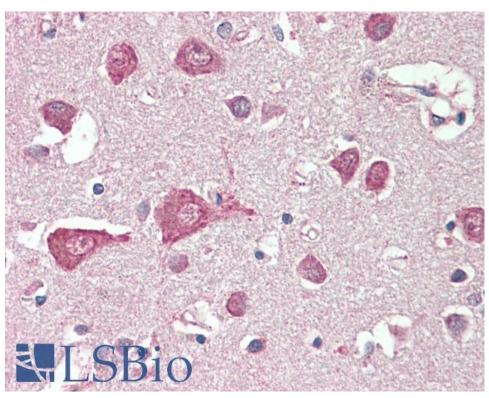
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11998 (1μg/ml) staining of Human Hippocampus lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB11998 (5μg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.