

Rabbit MLC1 Polyclonal Antibody | anti-MLC1 antibody

MLC1 antibody - middle region

CATALOG # AAA197946	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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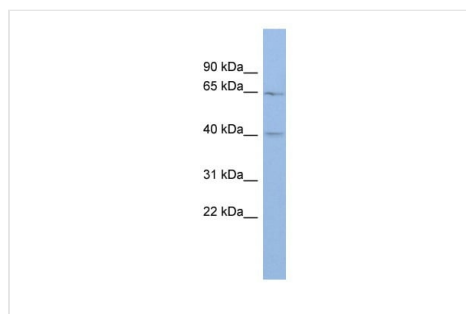
PRODUCT SYNONYMS

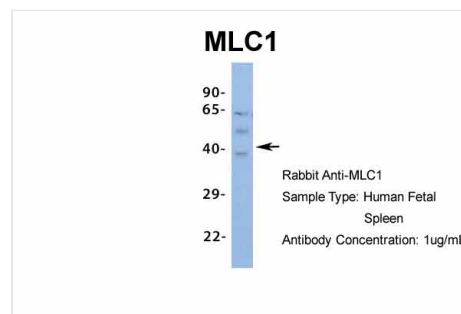
MLC1; Polyclonal Antibody; MLC1 antibody - middle region; anti-MLC1 antibody

PRODUCT SPECIFICATIONS

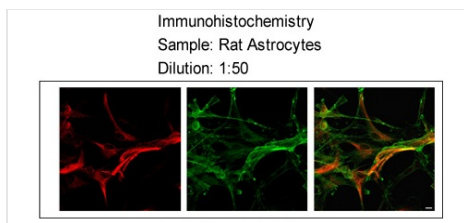
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SD SANILDEVFP PARVLKSYSV VEVIAGISAV LGGIIALNVD DSVSGPHL
Sequence Length	377
Applicable Applications for anti-MLC1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 91%; Dog: 86%; Guinea Pig: 92%; Horse: 86%; Human: 100%; Mouse: 93%; Rabbit: 83%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MLC1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-MLC1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:12500
Positive Control: Human Spleen

WB (Western Blot)

Host: Rabbit
Target Name: MLC1
Sample Type: Human Fetal Spleen
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Sample type:Rat AstrocytesDilution:1:50

ADDITIONAL INFORMATION

Related Product Information for anti-MLC1 antibody	This is a rabbit polyclonal antibody against MLC1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MLC1 may be a transporter. It may act as a non-selective neuronal cation channel.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.
Product Categories/Family for anti-MLC1 antibody	Polyclonal; Ion Channel; Membrane Protein; Membrane & Traffic; Disease Related; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589896
NCBI GeneID	23209
NCBI Accession #	NP_055981
NCBI GenBank Nucleotide #	NM_015166
UniProt Accession #	Q15049
Molecular Weight	41kDa
NCBI Official Full Name	membrane protein MLC1
NCBI Official Synonym Full Names	megalencephalic leukoencephalopathy with subcortical cysts 1
NCBI Official Symbol	MLC1
NCBI Official Synonym Symbols	VL; LVM; MLC
NCBI Protein Information	membrane protein MLC1
UniProt Protein Name	Membrane protein MLC1
UniProt Gene Name	MLC1
UniProt Synonym Gene Names	KIAA0027; WKL1
UniProt Entry Name	MLC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.