

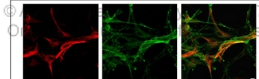
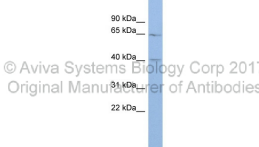
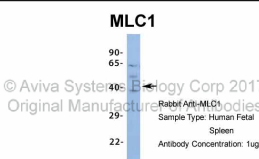


MLC1 antibody - middle region (ARP35249_P050)

Product Number	ARP35249_P050
Product Page	http://www.avivasysbio.com/mlc1-antibody-middle-region-arp35249-p050.html
Product Name	MLC1 antibody - middle region (ARP35249_P050)
Size	100 ul
Gene Symbol	MLC1
Alias Symbols	KIAA0027, LVM, MLC, VL
Protein Size (# AA)	377 amino acids
Molecular Weight	41kDa
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
NCBI Gene Id	23209
Host	Rabbit
Clonality	Polyclonal
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml
Official Gene Full Name	Megalencephalic leukoencephalopathy with subcortical cysts 1
Description	This is a rabbit polyclonal antibody against MLC1. It was validated on Western Blot using a cell lysate as a positive control. Aviva Systems Biology strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (info@avivasysbio.com).
Peptide Sequence	Synthetic peptide located within the following region: SDSANILDEVFPARVLKSYSVVEVIAGISAVLGIIALNVDDSVSGPHL
Target Reference	Ambrosini, E., (2008) Mol. Cell. Neurosci. 37 (3), 480-493
Description of Target	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.
Protein Interactions	KDM1A; PRMT6; Cav2; Dtnb; Snta1; Dtna; Tuba1a; Kcnj10; Cav1; UBC; TPT1; DAPK2; MYLK;
Reconstitution and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.
Lead Time	Domestic: within 1-2 days delivery International: 1-2 days *** Required Wet/Dry Ice Surcharge will automatically be applied upon checkout for the shipment. See Surcharges
Blocking Peptide	For anti-MLC1 (ARP35249_P050) antibody is Catalog # AAP35249 (Previous Catalog # AAPP06483)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MLC1

Complete computational species homology data	Anti-MLC1 (ARP35249_P050)
Tissue Tool	Find tissues and cell lines supported by DNA array analysis to express MLC1 . 
Swissprot Id	Q15049
Protein Name	Membrane protein MLC1
Protein Accession #	NP_055981
Purification	Affinity Purified
RNA Seq	Find tissues and cell lines supported by RNA-seq analysis to express MLC1 . 
Nucleotide Accession #	NM_015166
Replacement Item	This antibody may replace item sc-366761 from Santa Cruz Biotechnology.
Conjugation Options	ARP35249_P050-FITC Conjugated ARP35249_P050-HRP Conjugated ARP35249_P050-Biotin Conjugated
CB Replacement	sc-366761; sc-58804; sc-86740; sc-86741
Species Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 91%; Dog: 86%; Guinea Pig: 92%; Horse: 86%; Human: 100%; Mouse: 93%; Rabbit: 83%; Rat: 93%

 <p>Immunohistochemistry Sample: Rat Astrocytes Dilution: 1:50</p>	<p>Image 1: Rat Astrocytes Sample type: Rat Astrocytes Dilution: 1:50</p>
 <p>© Aviva Systems Biology Corp 2017 Original Manufacturer of Antibodies</p>	<p>Image 2: Human Spleen WB Suggested Anti-MLC1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Human Spleen</p>
 <p>© Aviva Systems Biology Corp 2017 Original Manufacturer of Antibodies</p>	<p>Image 3: Human Fetal Spleen Host: Rabbit Target Name: MLC1 Sample Type: Human Fetal Spleen Antibody Dilution: 1.0ug/ml</p>

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.