

MLC-2 (phospho Thr17/S18) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A17641	Rabbit	1 mg/ml	19794/19779/19827

Applications	IHC,ELISA
Reactivity	Human,Mouse,Rat
Dilution	WB 1:500-2000 ,IHC: 1:100 - 1:300. ELISA: 1:10000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	Phospho-MLC-2 (T17/S18) Polyclonal Antibody detects endogenous levels of MLC-2 protein only when phosphorylated at T17/S18.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from human MLC-2 around the phosphorylation site of Thr17 and Ser18. AA range:5-54
Uniprot No	P19105/O14950/P24844
Alternative names	MYL12A; MLCB; MRLC3; RLC; Myosin regulatory light chain 12A; MLC-2B; Myosin RLC; Myosin regulatory light chain 2; nonsarcomeric; Myosin regulatory light chain MRLC3; MYL12B; MRLC2; MYLC2B; Myosin regulatory light chain 12B; MLC-2A; MLC-2; M
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	myosin light chain 12A(MYL12A) Homo sapiens This gene encodes a nonsarcomeric myosin regulatory light chain. This protein is activated by phosphorylation and regulates smooth muscle and non-muscle cell contraction. This protein may also be involved in DNA damage repair by sequestering the transcriptional regulator apoptosis-antagonizing transcription factor (AATF)/Che-1 which functions as a repressor of p53-driven apoptosis. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 8.[provided by RefSeq, Dec 2014],
Other	MYL12A, Myosin regulatory light chain 12A

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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