

MLC-2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05449
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MLC-2. AA range:5-54
Mol wt	19794/19779/19827
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	MLC-2 Antibody
Synonyms	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 reg

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MYL12A encodes a nonsarcomeric myosin regulatory light chain. Myosin regulatory light chain 12A 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.

Recommended Dilution

IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year