

MYL12B Rabbit pAb

CatalogNo: YN6312

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 19kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human MYL12B

Specificity This antibody detects endogenous levels of MYL12B at Human, Mouse, Rat

Target Information

Gene name MYL12B MRLC2 MYLC2B

Protein Name Myosin regulatory light chain 12B (MLC-2A) (MLC-2) (Myosin regulatory light chain 2-B, smooth muscle isoform) (Myosin regulatory light chain 20 kDa) (MLC20) (Myosin regulatory light chain MRLC2) (SHUJUN-1)

Organism	Gene ID	UniProt ID
Human	103910 ;	O14950 ;
Mouse	67938 ;	Q3THE2 ;
Rat	50685 ;	P18666 ;

Tissue specificity Ubiquitously expressed in various hematopoietic cells.

Function Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation. Phosphorylation triggers actin polymerization in vascular smooth muscle. Implicated in cytokinesis, receptor capping, and cell locomotion.

| Validation Data

| Contact information

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MYL12B Rabbit pAb

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