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Datasheet for ABIN7464685
anti-MYL12B antibody

Overview

Quantity:	100 µL
Target:	MYL12B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYL12B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MRLC2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	MYL12B
Alternative Name:	myosin light chain 12B (MYL12B Products)
Background:	Myosin light chain 12B , MLC-B , MRLC2,The activity of nonmuscle myosin II (see MYH9, MIM 160775) is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments

Target Details

(Iwasaki et al., 2001 [PubMed 11942626]).[supplied by OMIM]

Molecular Weight: 20 kDa

Gene ID: 103910

UniProt: [O14950](#)

Pathways: [Feeding Behaviour](#)

Application Details

Application Notes: WB: 1:500-1:10000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: K562 , Jurkat , Raji , NCI-H929
Validation: Comparison

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.77 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.