

Datasheet for ABIN7466696
anti-MYLK2 antibody



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Overview

Quantity:	100 µL
Target:	MYLK2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYLK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MYLK2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	MYLK2
Alternative Name:	myosin light chain kinase 2 (MYLK2 Products)
Background:	Myosin light chain kinase 2 , KMLC , MLCK , MLCK2 , skMLCK, This gene encodes a myosin light chain kinase, a calcium/calmodulin dependent enzyme, that is exclusively expressed in adult skeletal muscle. [provided by RefSeq]

Target Details

Molecular Weight:	65 kDa
Gene ID:	85366
UniProt:	Q9H1R3
Pathways:	Myometrial Relaxation and Contraction, Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Molt-4
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): 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.