Datasheet for ABIN940560

anti-MYLK antibody (Internal Region)

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Overview

Quantity:	100 µg
Target:	MYLK
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MYLK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	MYLK
Immunogen:	Peptide with sequence C-KDTKNMEAKKLSKD, from the internal region of the protein sequence according to NP_444253.3, NP_444254.3 , NP_444255.3, NP_444256.3.
Sequence:	KDTKNMEAKK LSKD
Isotype:	IgG
Specificity:	This antibody is expected to recognise all reported isoforms (NP_444253.3, NP_444254.3 , NP_444255.3 and NP_444256.3).
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade:	Verified

Target Details

Target:	MYLK
Alternative Name:	MYLK
Background:	MYLK, myosin, light chain kinase, DKFZp686I10125, FLJ12216, KRP, MLCK, MLCK108, MLCK210, MSTP083, myosin light chain kinase, myosin, light polypeptide kinase
Gene ID:	4638
NCBI Accession:	NP_444253, NP_444254, NP_444255, NP_444256

Application Details

Application Notes:	Western Blot: Approx 150 kDa band observed in Human Colon and Lung lysates (calculated MW of 197 kDa according to NP_444256.3). Recommended concentration: 0.01-0.03 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.