

Datasheet for ABIN7439153
anti-MYLK3 antibody (AA 488-750)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MYLK3
Binding Specificity:	AA 488-750
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYLK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Myosin Light Chain Kinase 3 (MYLK3)
Immunogen:	Recombinant Myosin Light Chain Kinase 3 (MYLK3) corresponding to Gly488~Pro750 (Accession # Q3UIZ8)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MYLK3. It has been selected for its ability to recognize MYLK3 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	MYLK3
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Target Details

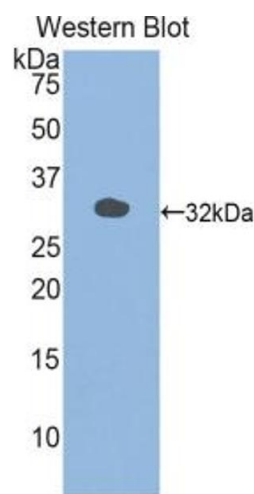
Alternative Name:	Myosin Light Chain Kinase 3 (MYLK3 Products)
Background:	MLCK3, MLCK, MLCK2, caMLCK, MLC Kinase, Cardiac Myosin Light Chain Kinase, Cardiac-MyBP-C-associated Ca/CaM kinase
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant MYLK3, Mouse using Polyclonal Antibody to Myosin Light Chain Kinase 3 (MYLK3)