

Datasheet for ABIN655794
anti-MYLK3 antibody (AA 535-562)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	MYLK3
Binding Specificity:	AA 535-562
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYLK3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MYLK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 535-562 amino acids from the Central region of human MYLK3.
Clone:	RB31393
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MYLK3
Alternative Name:	MYLK3 (MYLK3 Products)
Background:	Phosphorylation of cardiac myosin heavy chains (see MYH7B, MIM 609928) and light chains

Target Details

(see MYL2, MIM 160781) by a kinase, such as MYLK3, potentiates the force and rate of cross-bridge recruitment in cardiac myocytes (Chan et al., 2008 [PubMed 18202317]).

Molecular Weight: 88393

Gene ID: 91807

NCBI Accession: [NP_872299](#)

UniProt: [Q32MK0](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

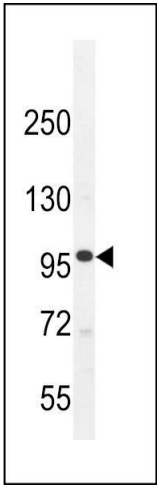
Preservative: Sodium azide

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: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. MYLK3 Antibody (Center) (ABIN655794 and ABIN2845224) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the MYLK3 antibody detected the MYLK3 protein (arrow).