

Datasheet for ABIN7443302
anti-MYLK3 antibody (AA 555-786)

3 Images

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Overview

Quantity:	100 µL
Target:	MYLK3
Binding Specificity:	AA 555-786
Reactivity:	Human
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 Glu555~Ser786 with N-terminal His Tag
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

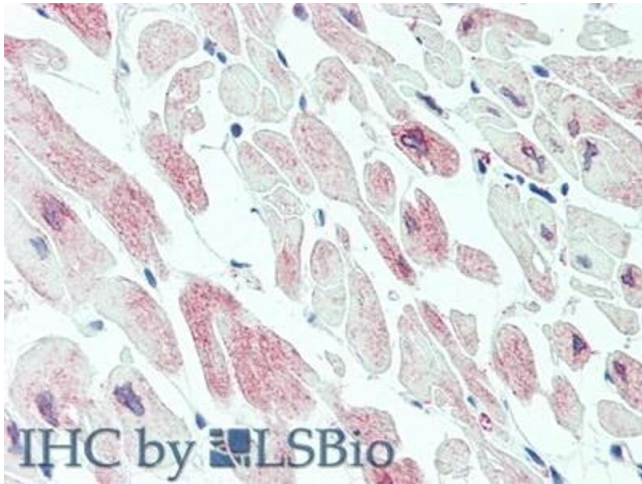
Alternative Name:	Myosin Light Chain Kinase 3 (MYLK3 Products)
Background:	MLCK3, MLCK, MLCK2, caMLCK, MLC Kinase, Cardiac Myosin Light Chain Kinase, Cardiac-MyBP-C-associated Ca/CaM kinase
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:100-400 Immunohistochemistry: 5-20 µg/mL 1:10-40 Immunocytochemistry: 5-20 µg/mL 1:10-40 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

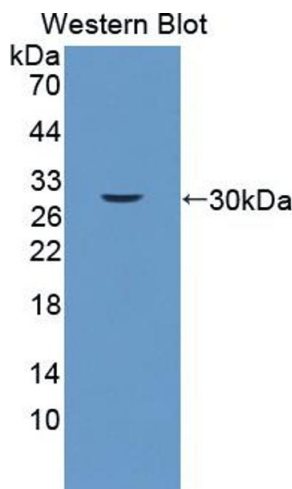
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
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 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



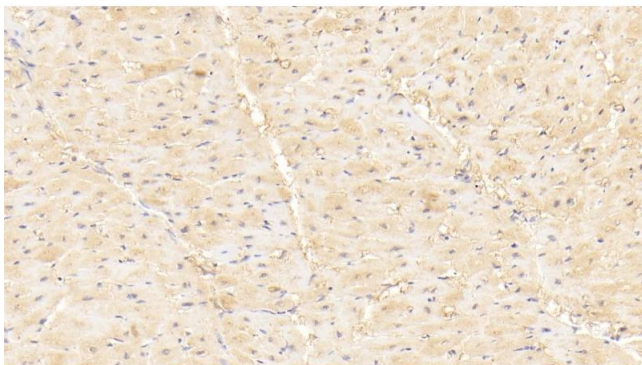
Immunohistochemistry

Image 1. Detection of MYLK3 in Human Heart Tissue using Polyclonal Antibody to Myosin Light Chain Kinase 3 (MYLK3)



Western Blotting

Image 2. Detection of Recombinant MYLK3, Human using Polyclonal Antibody to Myosin Light Chain Kinase 3 (MYLK3)



Immunohistochemistry

Image 3. Detection of MYLK3 in Human Cardiac Muscle Tissue using Polyclonal Antibody to Myosin Light Chain Kinase 3 (MYLK3)