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anti-MYLK antibody (AA 1661-1877)

3 Images



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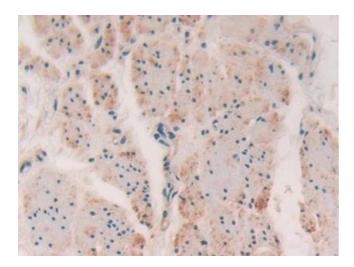
Quantity:	100 μL
Target:	MYLK
Binding Specificity:	AA 1661-1877
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYLK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Polyclonal Antibody to Myosin Light Chain Kinase (MYLK)
Immunogen:	Recombinant Myosin Light Chain Kinase (MYLK) corresdonding to Phe1661~Asp1877 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MYLK. It has been selected for its ability to recognize MYLK in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

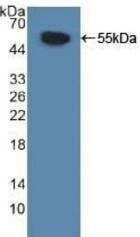
Target Details

Target:	MYLK
Alternative Name:	Myosin Light Chain Kinase (MYLK Products)
Background:	KRP, MLCK108, MLCK210, MSTP083, MLCK, s mMLCK, MYLK1, MLCK1, Telokin, Myosin Light
	Chain Kinase, Smooth Muscle, deglutamylated form, Kinase-related protein
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:	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



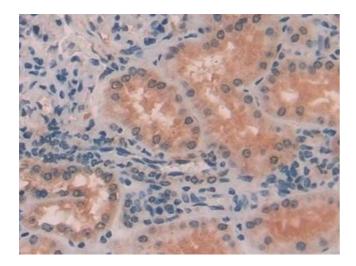
Immunohistochemistry

Image 1. Detection of MYLK in Human Esophagus cancer Tissue using Polyclonal Antibody to Myosin Light Chain Kinase (MYLK)



Western Blotting

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



Immunohistochemistry

Image 3. Detection of MYLK in Human Kidney Tissue using Polyclonal Antibody to Myosin Light Chain Kinase (MYLK)