Datasheet for ABIN7431056

anti-CKM antibody (AA 11-367)

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Overview

Quantity:	100 µL
Target:	CKM
Binding Specificity:	AA 11-367
Reactivity:	Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CKM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Creatine Kinase, Muscle (CKM)
Immunogen:	Recombinant Creatine Kinase, Muscle (CKM) corresdonding to Lys11~Leu367 (Accession # Q5XLD3) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CKM. It has been selected for its ability to recognize CKM in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

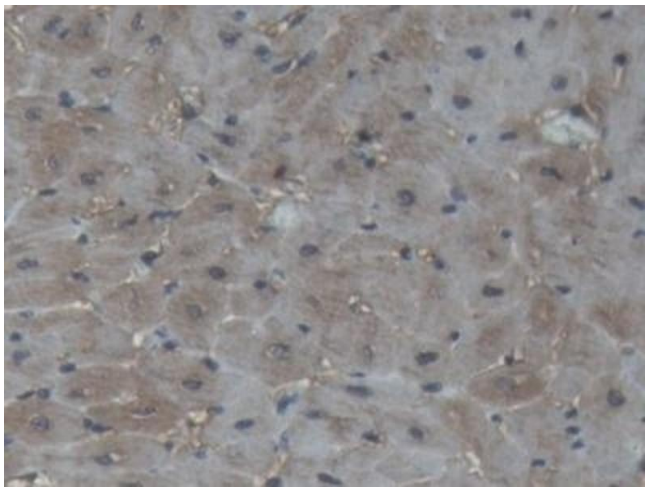
Target:	CKM
Alternative Name:	Creatine Kinase, Muscle (CKM Products)
Background:	CK-MM, CKMM, CK3, CK-M, MM-CK, M-CK, Creatine kinase M-type, N-terminally processed

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

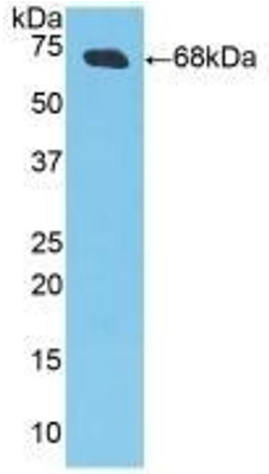
Handling

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



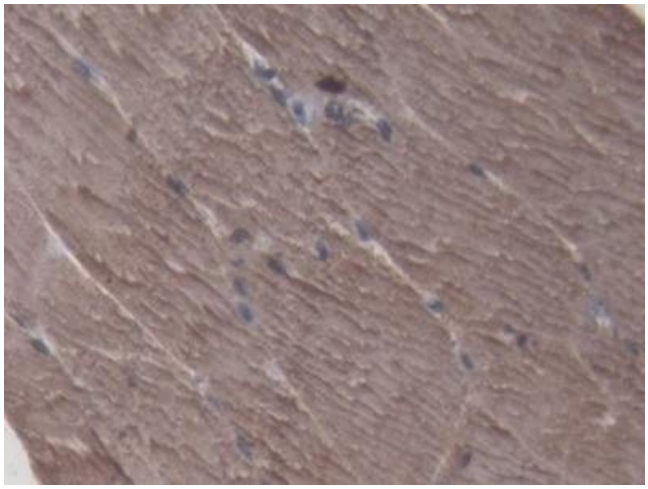
Immunohistochemistry

Image 1. Detection of CKM in Porcine Cardiac Muscle Tissue using Polyclonal Antibody to Creatine Kinase, Muscle (CKM)



Western Blotting

Image 2. Detection of Recombinant CKM, Porcine using Polyclonal Antibody to Creatine Kinase, Muscle (CKM)



Immunohistochemistry

Image 3. Detection of CKM in Porcine Skeletal muscle Tissue using Polyclonal Antibody to Creatine Kinase, Muscle (CKM)

