Datasheet for ABIN7426784

anti-FKBP1A antibody (AA 2-108)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	FKBP1A
Binding Specificity:	AA 2-108
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FKBP1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to FK506 Binding Protein 1A (FKBP1A)
Immunogen:	Recombinant FK506 Binding Protein 1A (FKBP1A) corresdonding to Gly2~Glu108 with N-terminal His Tag
Clone:	C2
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against FKBP1A. It has been selected for its ability to recognize FKBP1A in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

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Target Details

Target:	FKBP1A
Alternative Name:	FK506 Binding Protein 1A (FKBP1A Products)
Background:	FKBP-12, FKBP1, FKBP12C, PKC12, PKCI2, Calstabin-1, Rotamase, 12 kDa FK506-binding protein, Peptidyl-prolyl cis-trans isomerase FKBP1A, Immunophilin FKBP12
Pathways:	Negative Regulation of Transporter Activity, Methionine Biosynthetic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

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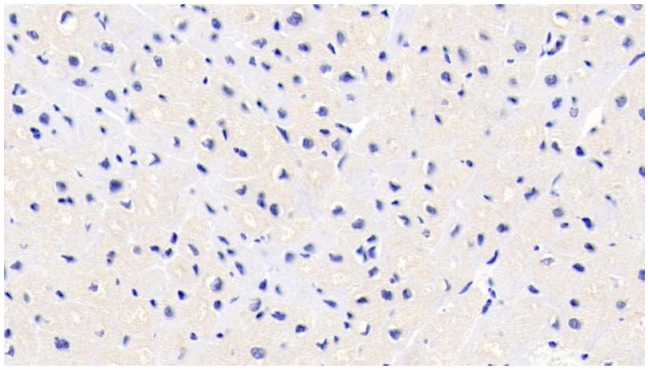
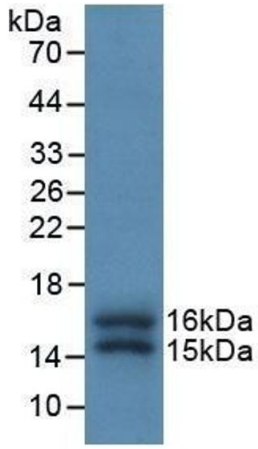


Immunohistochemistry

Image 1. Detection of FKBP1A in Human Cardiac Muscle Tissue using Monoclonal Antibody to FK506 Binding Protein 1A (FKBP1A)



Western Blotting

Image 2. Detection of Recombinant FKBP1A, Human using Monoclonal Antibody to FK506 Binding Protein 1A (FKBP1A)

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