

Datasheet for ABIN7436963
anti-FKBP1A antibody (AA 2-108)

2 Images

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Overview

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

Product Details

Purpose:	Polyclonal Antibody to FK506 Binding Protein 1A (FKBP1A)
Immunogen:	Recombinant FK506 Binding Protein 1A (FKBP1A) corresponding to Gly2~Glu108 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal 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:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

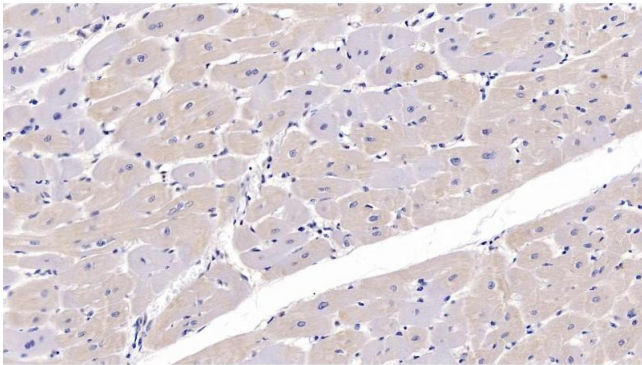
Target:	FKBP1A
Alternative Name:	FK506 Binding Protein 1A (FKBP1A Products)
Background:	FKBP-12, FKBP1, FKBP12C, PKC12, PKC12, Calstabin-1, Rotamase, 12 kDa FK506-binding protein, Peptidyl-prolyl cis-trans isomerase FKBP1A, Immunophilin FKBP12
Pathways:	Negative Regulation of Transporter Activity , Methionine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

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 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

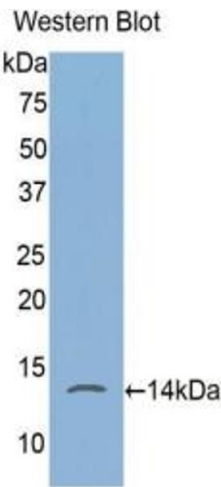
Handling

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 FKBP1A in Human Cardiac Muscle Tissue using Polyclonal Antibody to FK506 Binding Protein 1A (FKBP1A)



Western Blotting

Image 2. Detection of recombinant FKBP1A using Polyclonal Antibody to FK506 Binding Protein 1A (FKBP1A)