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Datasheet for ABIN7432685
anti-HSPD1 antibody (AA 1-573)

6 Images

Overview

Quantity:	100 µL
Target:	HSPD1
Binding Specificity:	AA 1-573
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Heat Shock Protein 60 (Hsp60)
Immunogen:	Recombinant Heat Shock Protein 60 (Hsp60) corresponding to Met1~Phe573 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Hsp60. It has been selected for its ability to recognize Hsp60 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Chicken, Cow, Dog, Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

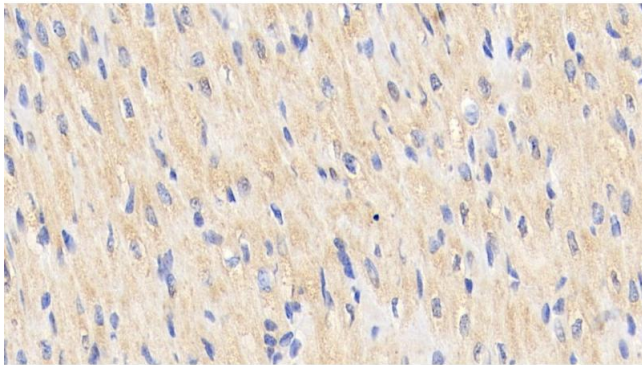
Target:	HSPD1
Alternative Name:	Heat Shock Protein 60 (HSPD1 Products)
Background:	HSPD1, GROEL, CPN60, HuCHA60, Heat Shock 60kD Protein 1, Chaperonin, Spastic Paraplegia 13, Autosomal Dominant, 60 kDa chaperonin, Mitochondrial matrix protein P1, P60 lymphocyte protein
Pathways:	Activation of Innate immune Response , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Western blotting: 0.05-1 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

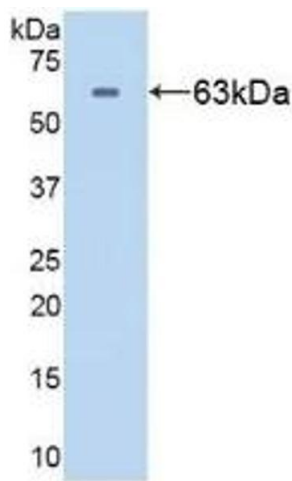
Handling

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



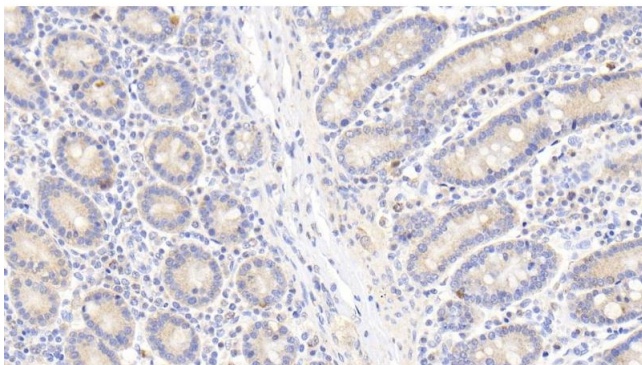
Immunohistochemistry

Image 1. Detection of Hsp60 in Human Cardiac Muscle Tissue using Polyclonal Antibody to Heat Shock Protein 60 (Hsp60)



Western Blotting

Image 2. Detection of Recombinant HSPD1, Human using Polyclonal Antibody to Heat Shock Protein 60 (Hsp60)



Immunohistochemistry

Image 3. Detection of Hsp60 in Human Small intestine Tissue using Polyclonal Antibody to Heat Shock Protein 60 (Hsp60)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7432685.