

Datasheet for ABIN7438895  
**anti-HSPD1 antibody (AA 172-343)**

## 9 Images

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## Overview

Quantity:	100 µL
Target:	HSPD1
Binding Specificity:	AA 172-343
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 Ala172~Gly343 (Accession # P10809)
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:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

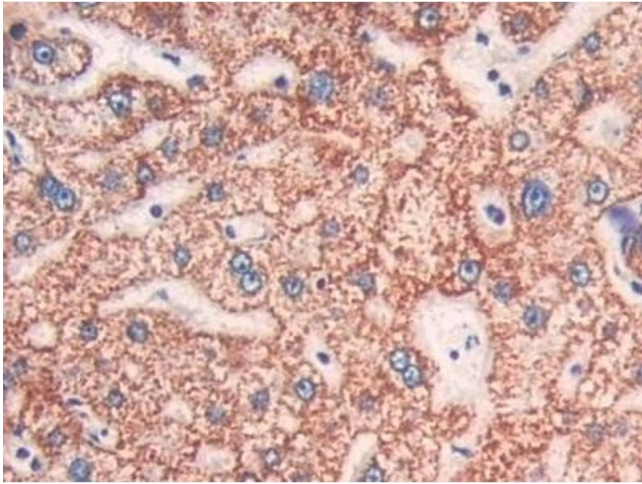
Target:	HSPD1
Alternative Name:	Heat Shock Protein 60 ( <a href="#">HSPD1 Products</a> )
Background:	HSPD1, GROEL, CPN60, HuCHA60, Heat Shock 60kD Protein 1, Chaperonin, Spastic Paraplegia 13, Autosomal Dominant, 60 kDa chaperonin, Mitochondrial matrix protein P1, P60 lymphocyte protein
Pathways:	<a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

## 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

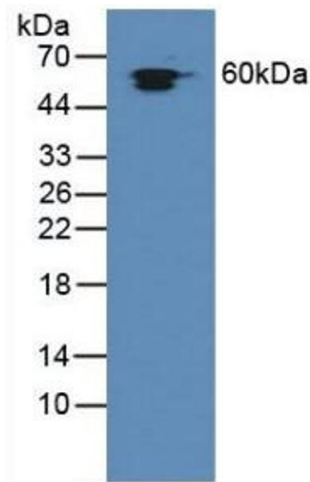
## Handling

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



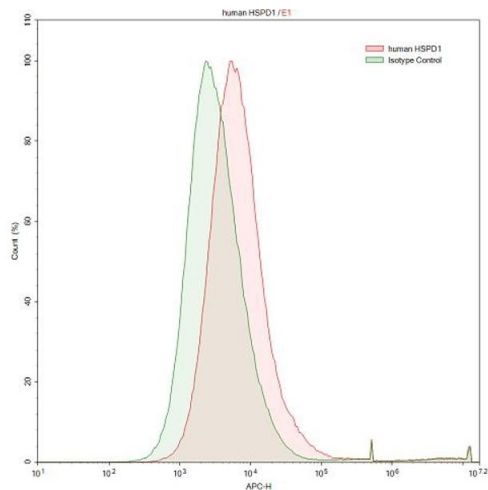
Immunohistochemistry

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



Western Blotting

**Image 2.** Detection of Hsp60 in Rat Liver Tissue using Polyclonal Antibody to Heat Shock Protein 60 (Hsp60)



Flow Cytometry

**Image 3.** Detection of Hsp60 in HepG2 human hepatocellular carcinoma cell line using Polyclonal Antibody to Heat Shock Protein 60 (Hsp60)

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN7438895.