

Rabbit HSPD1 Polyclonal Antibody | anti-HSPD1 antibody

HSPD1 antibody - C-terminal region

CATALOG # AAA201696	HOST Rabbit	REACTIVITY Guinea Pig, Human, Rabbit, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	---	-------------------------------------

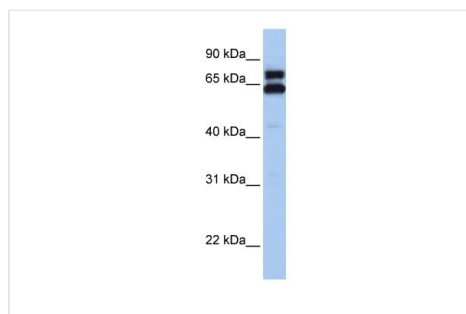
PRODUCT SYNONYMS

HSPD1; Polyclonal Antibody; HSPD1 antibody - C-terminal region; anti-HSPD1 antibody

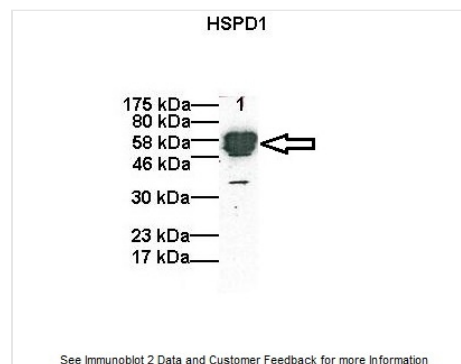
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Guinea Pig, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PT KVVRTALLDA AGVASLLTTA EVVVTEIPKE EKDPGMGAMG GMGGGMGG
Sequence Length	573
Applicable Applications for anti-HSPD1 antibody	WB (Western Blot)
Homology	Guinea Pig: 90%; Human: 84%; Rabbit: 84%; Rat: 84%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human HSPD1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-HSPD1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver


WB (Western Blot)

Lanes: Lane 1: 40ug human fibroblast mitochondria Primary Antibody
Dilution: 1:1000 Secondary Antibody: Anti-Rabbit HRP Secondary Antibody
Dilution: 1:5000 Gene Name: HSPD1 Submitted by: Oleh Khalimonchuk, University of Nebraska-Lincoln

ADDITIONAL INFORMATION

Related Product Information for anti-HSPD1 antibody	This is a rabbit polyclonal antibody against HSPD1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: HSPD1 is a member of the chaperonin family. This mitochondrial protein may function as a signaling molecule in the innate immune system. It is essential for the folding and assembly of newly imported proteins in the mitochondria. This gene encodes a member of the chaperonin family. The encoded mitochondrial protein may function as a signaling molecule in the innate immune system. This protein is essential for the folding and assembly of newly imported proteins in the mitochondria. This gene is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter. Two pseudogenes, both located on chromosome 8, have been associated with this gene. Two transcript variants encoding the same protein have been identified for this gene. Mutations associated with this gene cause autosomal recessive spastic paraplegia 13.
Product Categories/Family for anti-HSPD1 antibody	Polyclonal; Cancer; Cell Biology; Immunology; Various; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542947
NCBI GeneID	3329
NCBI Accession #	NP_002147
NCBI GenBank Nucleotide #	NM_002156
UniProt Accession #	P10809
Molecular Weight	61kDa
NCBI Official Full Name	60 kDa heat shock protein, mitochondrial
NCBI Official Synonym Full Names	heat shock protein family D (Hsp60) member 1
NCBI Official Symbol	HSPD1
NCBI Official Synonym Symbols	HLD4; CPN60; GROEL; HSP60; HSP65; SPG13; HSP-60; HuCHA60
NCBI Protein Information	60 kDa heat shock protein, mitochondrial
UniProt Protein Name	60 kDa heat shock protein, mitochondrial
UniProt Gene Name	HSPD1
UniProt Synonym Gene Names	HSP60; CPN60; HSP-60; Hsp60
UniProt Entry Name	CH60_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/hspd1-antibody-western-blot-elisa/201696>