

Rabbit Hsp60 Polyclonal Antibody | anti-HSPD1 antibody

Hsp60 Antibody

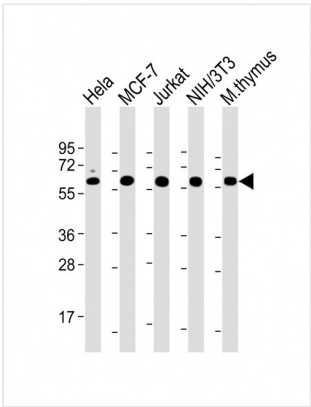
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290737	Rabbit	Human, Mouse; Predicted Reactivity: Bovine	ELISA, Western Blot

PRODUCT SYNONYMS

Hsp60; Polyclonal Antibody; Hsp60 Antibody; 60 kDa heat shock protein; mitochondrial; 60 kDa chaperonin; Chaperonin 60; CPN60; Heat shock protein 60; HSP-60; HuCHA60; Mitochondrial matrix protein P1; P60 lymphocyte protein; HSPD1; HSP60; anti-HSPD1 antibody

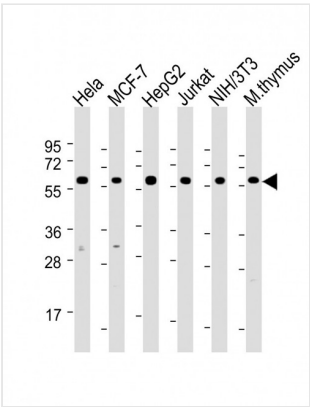
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse; Predicted Reactivity: Bovine
Clonality	Polyclonal
Isotype	Ig
Specificity	This Hsp60 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 340-374 amino acids from the human region of human Hsp60.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	573
Applicable Applications for anti-HSPD1 antibody	ELISA, WB (Western Blot)
Subtitle	Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Mitochondrion matrix.
Antigen Type	Synthesized Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)

All lanes : Anti-Hsp60 Antibody at 1:2000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: MCF-7 whole cell lysate
Lane 3: Jurkat whole cell lysate
Lane 4: NIH/3T3 whole cell lysate
Lane 5: mouse thymus lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 61 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

All lanes : Anti-Hsp60 Antibody at 1:2000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: MCF-7 whole cell lysate
Lane 3: HepG2 whole cell lysate
Lane 4: Jurkat whole cell lysate
Lane 5: NIH/3T3 whole cell lysate
Lane 6: mouse thymus lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 61 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPD1 antibody	Implicated in mitochondrial protein import and macromolecular assembly. May facilitate the correct folding of imported proteins. May also prevent misfolding and promote the refolding and proper assembly of unfolded polypeptides generated under stress conditions in the mitochondrial matrix.
Product Categories/Family for anti-HSPD1 antibody	Crown Antibodies; Primary Antibodies; Signal Transduction
References	Jindal S.,et al.Mol. Cell. Biol. 9:2279-2283 (1989). Venner T.J.,et al.DNA Cell Biol. 9:545-552 (1990). Hansen J.J.,et al.Hum. Genet. 112:71-77 (2003). Tan J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DBJ databases. Ota T.,et al.Nat. Genet. 36:40-45 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542947
NCBI GeneID	3329
NCBI Accession #	NP_002147.2
NCBI GenBank Nucleotide #	NM_002156.4
UniProt Accession #	P10809; Q38L19; Q9UCR6; B2R5M6; B7Z712
Molecular Weight	61055 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp60-antibody-western-blot-elisa/290737>