

Rabbit HSP-60 Polyclonal Antibody | anti-HSP-60 antibody

HSP-60 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179742	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

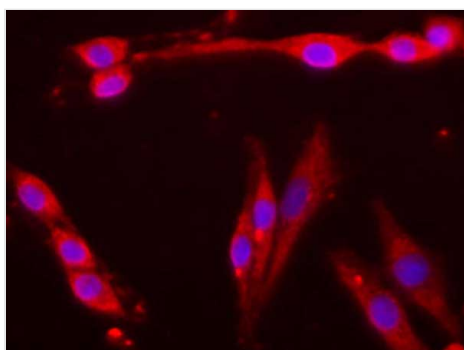
PRODUCT SYNONYMS

HSP-60; Polyclonal Antibody; HSP-60 Polyclonal Antibody; 60 kDa heat shock protein; 60-KD; CH60; fa04a05; heat shock 60kDa protein 1 (chaperonin); Heat shock protein 1 (chaperonin); Heat shock protein 60; Heat shock protein 65; heat shock protein family D (Hsp60) member 1; Hsp 60; HSP 65; mitochondrial; Mitochondrial matrix protein P1; P60 lymphocyte protein; short heat shock protein 60 Hsp60s1; HLD; SPG; CPN; Chaperonin; HSPD; HuCHA; GROEL; HLD4; HSP65; HuCHA60; SPG13; CPN60; Mitochondrion; 60 kDa chaperonin; Chaperonin 60; HSP60; HSPD1; anti-HSP-60 antibody

PRODUCT SPECIFICATIONS

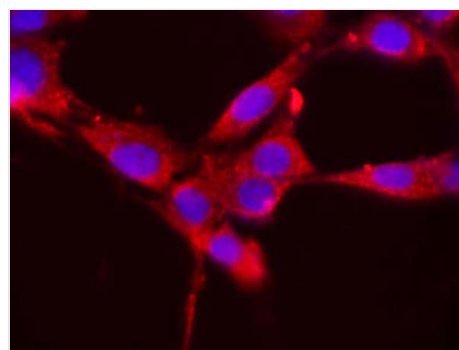
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HSP-60 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human HSP-60 protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles. Protected from prolonged exposure to light.

IMAGES



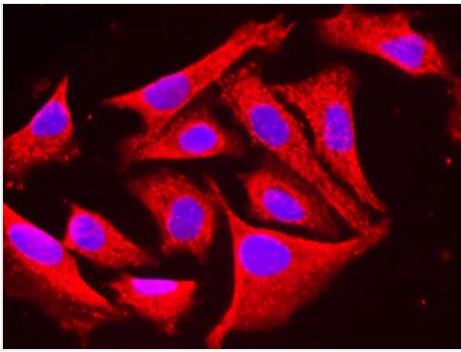
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using HSP60 Polyclonal Antibody at dilution of 1:100.



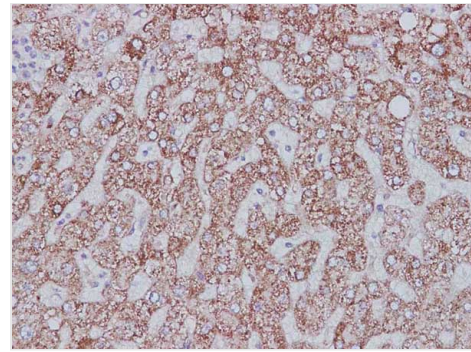
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using HSP60 Polyclonal Antibody at dilution of 1:100.



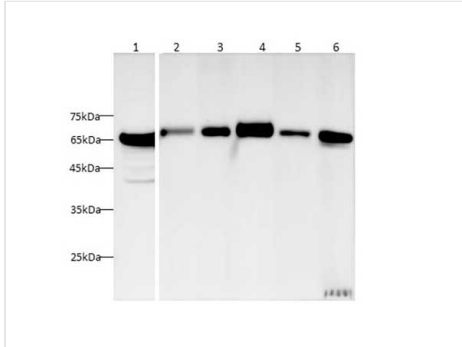
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using HSP60 Polyclonal Antibody at dilution of 1:100.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver using HSP60 Polyclonal Antibody at dilution of 1:1800.



WB (Western Blot)

Western blot with Anti HSP-60 Polyclonal antibody at dilution of 1:1000. Lane 1: HeLa cell lysate, Lane 2: Mouse heart cell lysate, Lane 3: Rat brain tissue lysate, Lane 4: Rat heart tissue lysate, Lane 5: Rat spleen cell lysate, Lane 6: Rat liver tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-HSP-60 antibody

Heat shock proteins (HSPs) are a family of highly conserved stress response proteins. Heat shock proteins function primarily as molecular chaperones by facilitating the folding of other cellular proteins, preventing protein aggregation or targeting improperly folded proteins to specific degradative pathways. HSPs are typically expressed at low levels under normal physiological conditions but are dramatically upregulated in response to cellular stress. Heat Shock Protein 60 (HSP60), also known as Chaperonin 60 (CPN60), is a mitochondrial matrix protein belonging to a highly conserved family of molecular chaperone and stress response proteins. HSP60 plays a role in stabilizing and refolding proteins in response to heat-shock or other cellular stress. Full length human HSP60 is 98% identical to mouse and rat HSP60.

Product Categories/Family for anti-HSP-60 antibody

[Polyclonal Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibodies](#); [Tags & Cell Markers](#); [Signal Transduction](#); [Kits](#); [Lysates](#); [Other](#); [Isotype](#); [Loading Controls](#)

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
Molecular Weight	61,055 Da
NCBI Official Full Name	60 kDa heat shock protein, mitochondrial
NCBI Official Synonym Full Names	heat shock 60kDa protein 1 (chaperonin)

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; chaperonin 60; 60 kDa chaperonin; heat shock protein 65; P60 lymphocyte protein; mitochondrial matrix protein P1; short heat shock protein 60 Hsp60s1
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/hsp-60-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/179742>