

Rabbit anti-Human HSP60 Polyclonal Antibody | anti-HSP60 antibody

Rabbit anti-HSP60 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212043	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

HSP60; Polyclonal Antibody; Rabbit anti-HSP60 Antibody; Affinity Purified; HLD4; 60 kDa heat shock protein; mitochondrial; P60 lymphocyte protein; mitochondrial matrix protein P1; HuCHA60; HSP65; HSP-60; short heat shock protein 60 Hsp60s1; heat shock protein 65; Heat shock protein 60; heat shock 60kDa protein 1 (chaperonin); GROEL; epididymis secretory sperm binding protein; chaperonin 60; SPG13; 60 kDa chaperonin; CPN60; heat shock protein family D (Hsp60) member 1; anti-HSP60 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-HSP60 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine, Orangutan
Immunogen	Between 325 and 375
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human HSP60 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-HSP60 antibody AAA212043 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. HSP60 was also immunoprecipitated by rabbit anti-HSP60 antibodies and which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 1 second (A and B).



IHC (Immunohistochemistry)

Detection of human HSP60 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-HSP60 (Cat. No. AAA212043 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: Vector Laboratories ImmPACT NovaRED Peroxidase Substrate

ADDITIONAL INFORMATION

Related Product Information for anti-HSP60 antibody

Heat shock protein 60 (HSP60) is a member of the chaperonin family. HSP60 is a mitochondrial protein that 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. [taken from NCBI Entrez Gene (GeneID: 3329)].

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/hsp60-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212043>