

Rabbit HSP60 Polyclonal Antibody | anti-HSP60 antibody

HSP60 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304455	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

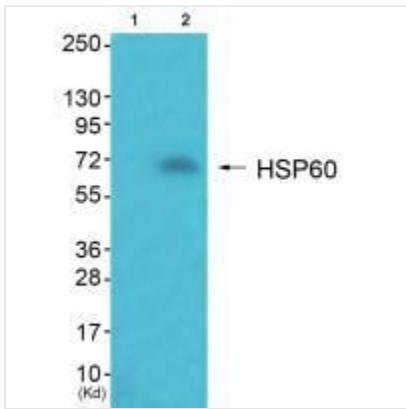
PRODUCT SYNONYMS

HSP60; Polyclonal Antibody; HSP60 Antibody; CPN60; CHAPERONIN 60-KD; GroEL E. COLI HOMOLOG OF HEAT-SHOCK 60-KD PROTEIN 1; heat shock 60kDa protein 1 (chaperonin); anti-HSP60 antibody

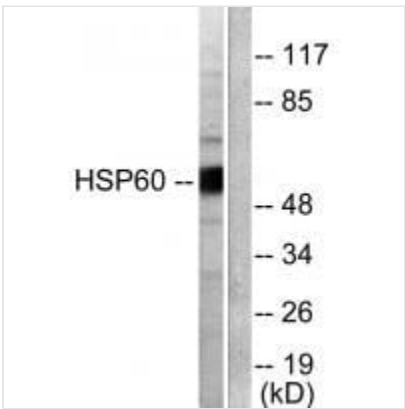
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HSP60 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	573
Applicable Applications for anti-HSP60 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human HSP60.
Target Name	HSP60
Preparation and Storage	Store at -20 degree C

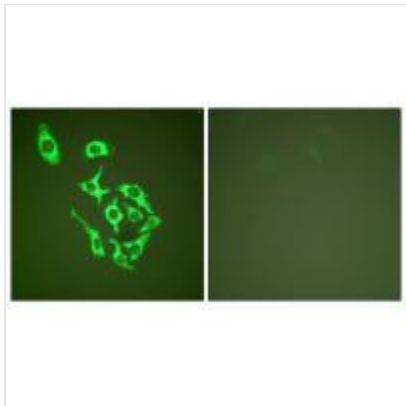
IMAGES



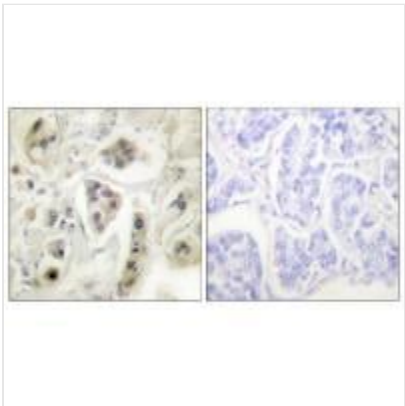
WB (Western Blot)
Western blot analysis of extracts from JK cells (Lane 2), using HSP60 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells, using HSP60 antibody.



IF (Immunofluorescence)
Immunofluorescence analysis of HepG2 cells, using HSP60 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using HSP60 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HSP60 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. HAMAP-Rule MF_00600Sung Gyoo Park, J. Biol. Chem., Oct 2003; 278: 39851 - 39857.Zhiming Mai, Mol. Cell. Biol., Mar 1999; 19: 2198 - 2205.Hideaki Itoh, Eur. J. Biochem., Dec 2002; 269: 5931.Jonathan D. Cechetto, J. Histochem. Cytochem., Jan 2000; 48: 45.
Product Categories/Family for anti-HSP60 antibody	Total protein Ab

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	17,100 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
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://stage.aaabiotech.com/polyclonal/hsp60-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/304455>