

Rabbit HSP10 Polyclonal Antibody | anti-HSP10 antibody

HSP10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305175	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

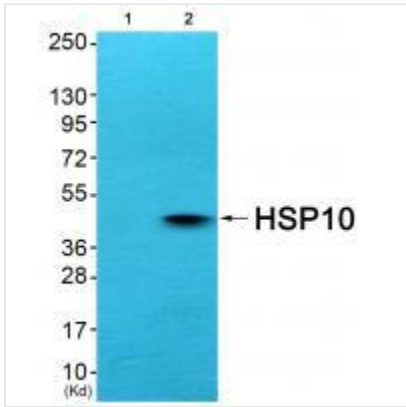
PRODUCT SYNONYMS

HSP10; Polyclonal Antibody; HSP10 Antibody; CHAPERONIN 10 HOMOLOG; GroES HOMOLOG; HEAT-SHOCK 10-KD PROTEIN; cpn10 HOMOLOG; heat shock 10kDa protein 1 (chaperonin 10); anti-HSP10 antibody

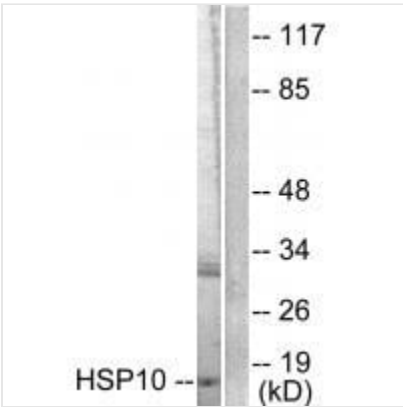
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HSP10 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	102
Applicable Applications for anti-HSP10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human HSP10.
Target Name	HSP10
Preparation and Storage	Store at -20 degree C

IMAGES



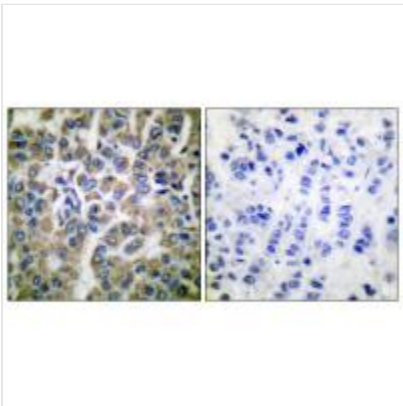
WB (Western Blot)
Western blot analysis of extracts from COS7 cells (Lane 2), using HSP10 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from NIH/3T3 cells, using HSP10 antibody.



IF (Immunofluorescence)
Immunofluorescence analysis of NIH/3T3 cells, using HSP10 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP10 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HSP10 antibody	Eukaryotic CPN10 homolog which is essential for mitochondrial protein biogenesis, together with CPN60. Binds to CPN60 in the presence of Mg-ATP and suppresses the ATPase activity of the latter. HAMAP-Rule MF_00580Yue-xin Shan, J. Biol. Chem., Nov 2003; 278: 45492 - 45498.David LaVerda, Infect. Immun., Jan 2000; 68: 303 - 309.K re L. Nielsen, J. Bacteriol., Sep 1999; 181: 5871 - 5875.Kurt M. Lin, Circulation, Apr 2001; 103: 1787 - 1792.
Product Categories/Family for anti-HSP10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504523
NCBI GeneID	3336
NCBI Accession #	NP_002148.1
NCBI GenBank Nucleotide #	NM_002157.2
UniProt Accession #	P61604; O95421; Q04984; Q53X54; Q9UDH0
Molecular Weight	10,932 Da
NCBI Official Full Name	10 kDa heat shock protein, mitochondrial
NCBI Official Synonym Full Names	heat shock 10kDa protein 1

NCBI Official Symbol	HSPE1
NCBI Official Synonym Symbols	EPF; CPN10; GROES; HSP10
NCBI Protein Information	10 kDa heat shock protein, mitochondrial
UniProt Protein Name	10 kDa heat shock protein, mitochondrial
UniProt Gene Name	HSPE1
UniProt Synonym Gene Names	Hsp10; CPN10; EPF
UniProt Entry Name	CH10_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/hsp10-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305175>