

Rabbit anti-Human HSPA6 Polyclonal Antibody | anti-HSPA6 antibody

HSPA6 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288648	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

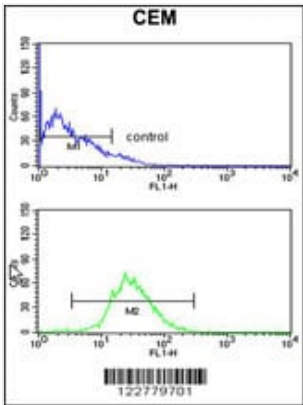
PRODUCT SYNONYMS

HSPA6; Polyclonal Antibody; HSPA6 Antibody (C-term); Heat shock 70 kDa protein 6; Heat shock 70 kDa protein B'; HSP70B'; anti-HSPA6 antibody

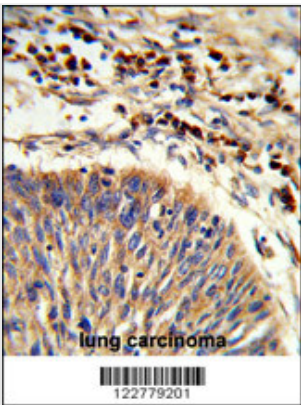
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HSPA6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 544-571 amino acids from the C-terminal region of human HSPA6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	544-571
Sequence Length	643
Applicable Applications for anti-HSPA6 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
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.

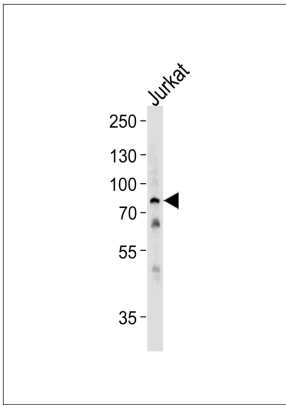
IMAGES



FCM/FACS (Flow Cytometry)
HSPA6 Antibody (C-term) flow cytometry analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with HSPA6 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from Jurkat cell line,using HSPA6 Antibody (C-term). AAA288648 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA6 antibody	In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage.
Product Categories/Family for anti-HSPA6 antibody	Crown Antibodies; Cancer; Cell Biology; Metabolism; Signal Transduction
References	Leung,T.K., et.al.,Genomics 12 (1), 74-79 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34419635
NCBI GeneID	3310
NCBI Accession #	NP_002146.2
NCBI GenBank Nucleotide #	NM_002155.4
UniProt Accession #	P17066; Q1HBA8; Q8IYK7; Q9BT95

Molecular Weight	71028
NCBI Official Full Name	heat shock 70 kDa protein 6
NCBI Official Synonym Full Names	heat shock 70kDa protein 6 (HSP70B')
NCBI Official Symbol	HSPA6
NCBI Protein Information	heat shock 70 kDa protein 6
UniProt Protein Name	Heat shock 70 kDa protein 6
UniProt Gene Name	HSPA6
UniProt Synonym Gene Names	HSP70B'
UniProt Entry Name	HSP76_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/hspa6-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/288648>