

Rabbit HSPA8 Polyclonal Antibody | anti-HSPA8 antibody

HSPA8 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283728	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Hamster, Mouse, Rat)	Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

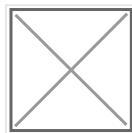
PRODUCT SYNONYMS

HSPA8; Polyclonal Antibody; HSPA8 Antibody (N-term); Heat shock cognate 71 kDa protein; Heat shock 70 kDa protein 8; Lipopolysaccharide-associated protein 1; LAP-1; LPS-associated protein 1; HSC70; HSP73; HSPA10; anti-HSPA8 antibody

PRODUCT SPECIFICATIONS

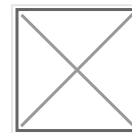
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Hamster, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HSPA8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-110 amino acids from the N-terminal region of human HSPA8.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	82-110
Sequence Length	646
Applicable Applications for anti-HSPA8 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), 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)

HSPA8 Antibody (N-term) flow cytometric analysis of Hela cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)

Confocal immunofluorescent analysis of HSPA8 Antibody (N-term) with A2058 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with HSPA8 Antibody (N-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 lysates from A431, Hela, mouse NIH/3T3, H-4-II-E cell line (from left to right), using HSPA8 Antibody (N-term). AAA283728 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. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA8 antibody	HSPA8 belongs to the heat shock protein 70 family which contains both heat-inducible and constitutively expressed members. The latter are called heat-shock cognate proteins. HSPA8 is a heat-shock cognate protein. This protein binds to nascent polypeptides to facilitate correct folding. The protein also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell.
Product Categories/Family for anti-HSPA8 antibody	Crown Antibodies; Signal Transduction
References	Tsukahara F., Yoshioka T. Mol. Pharmacol. 58:1257-1263(2000) Egerton M., Moritz R.L. Biochem. Biophys. Res. Commun. 224:666-674(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729877
NCBI GeneID	3312
NCBI Accession #	NP_006588.1; NP_694881.1
NCBI GenBank Nucleotide #	NM_006597.5
UniProt Accession #	P11142; Q9H3R6
Molecular Weight	70898
NCBI Official Full Name	heat shock cognate 71 kDa protein isoform 1
NCBI Official Synonym Full Names	heat shock 70kDa protein 8
NCBI Official Symbol	HSPA8
NCBI Official Synonym Symbols	LAP1; HSC54; HSC70; HSC71; HSP71; HSP73; LAP-1; NIP71; HEL-33; HSPA10; HEL-S-72p
NCBI Protein Information	heat shock cognate 71 kDa protein
UniProt Protein Name	Heat shock cognate 71 kDa protein
UniProt Gene Name	HSPA8
UniProt Synonym Gene Names	HSC70; HSP73; HSPA10; LAP-1; LPS-associated protein 1
UniProt Entry Name	HSP7C_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/hspa8-antibody-flow-cytometry-western-blot-immunofluorescence-immunohistochemistry-elisa/283728>