

Rabbit Hsc70 Polyclonal Antibody | anti-HSPA8 antibody

Anti-Hsc70 antibody

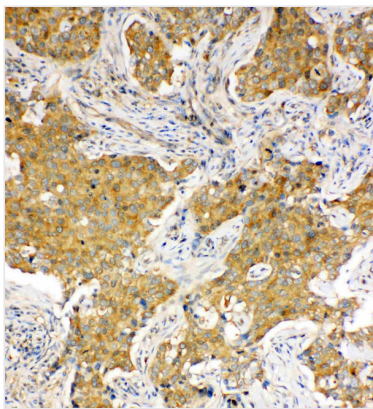
CATALOG # AAA45472	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

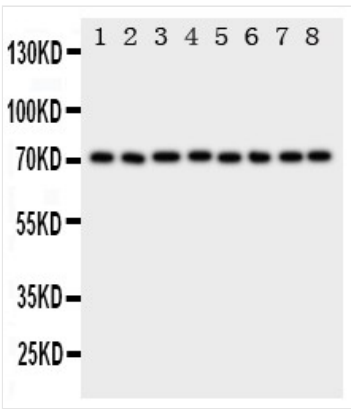
Hsc70; Polyclonal Antibody; Anti-Hsc70 antibody; Heat shock cognate 71 kDa protein; heat shock 70kDa protein 8; 2410008N15Rik antibody; Constitutive heat shock protein 70 antibody; Heat shock 70 kDa protein 8 antibody; Heat shock 70kD protein 10 antibody; Heat shock 70kD protein 8 antibody; Heat shock 70kDa protein 8 antibody; Heat shock cognate 71 kDa protein antibody; Heat shock cognate 71 kDa protein. antibody; Heat shock cognate protein 54 antibody; Heat shock cognate protein 71 kDa antibody; Heat shock cognate protein 71-kDa antibody; Heat shock protein 8 antibody; Heat shock protein A8 antibody; Heat-shock70-KD protein 10; formerly antibody; HSC54 antibody; HSC71 antibody; Hsc73 antibody; HSP71 antibody; HSP73 antibody; HSP7C_HUMAN antibody; HSPA10 antibody; HSPA8 antibody; LAP1 antibody; Lipopolysaccharide associated protein 1 antibody; LPS associated protein 1 antibody; LPS associated protein antibody; MGC102007 antibody; MGC106514 antibody; MGC114311 antibody; MGC118485 antibody; MGC131511 antibody; MGC29929 antibody; N-myristoyltransferase inhibitor protein 71 antibody; NIP71 antibody; anti-HSPA8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	646
Applicable Applications for anti-HSPA8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Hsc70 (563-582aa NDEDKQKILDKCNEIINWLD), different from the related mouse and rat sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohiostchemistry)
Anti-Hsc70 antibody, AAA45472, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)
Anti-Hsc70 antibody, AAA45472, Western blottingAll lanes: Anti Hsc70 (AAA45472) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Testis Tissue Lysate at 50ugLane 3: Rat Ovary Tissue Lysate at 50ugLane 4: Rat Spleen Tissue Lysate at 50ugLane 5: A549 Whole Cell Lysate at 40ugLane 6: MCF-7 Whole Cell Lysate at 40ugLane 7: HELA Whole Cell Lysate at 40ugLane 8: JURKAT Whole Cell Lysate at 40ugPredicted bind size: 71KDobserved bind size: 71KD

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA8 antibody	Description: Rabbit IgG polyclonal antibody for Heat shock cognate 71 kDa protein(HSPA8) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: HSPA8(heat shock 70kDa protein 8) also known as HSC70, HSC71, HSP73, HSPA10, FORMERLY, LAP1 or LPS-ASSOCIATED PROTEIN 1, is a heat shock protein that in humans is encoded by the HSPA8 gene. The HSPA8 gene contains 9 exons and spans 5 kb. The deduced HSPA8 protein has 646 amino acids and a predicted molecular mass of 70,899 Da. The HSPA8 gene is mapped on 11q24.1. HSPA8 plays an important role in cells by transiently associating with nascent polypeptides to facilitate correct folding. HSP73 also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Rapid decay involves AU-rich binding protein AUF1, which complexes with heat-shock proteins HSC70 and HSP70, translation initiation factor EIF4G, and poly(A)-binding protein. In the absence of Ii3, Hsc70 formed a complex with Hsp40 and Hip, and this complex, in association with Eif4g and Pabp, formed a high-stability complex with Bim mRNA that protected it from ribonucleases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	123648
NCBI GeneID	3312
UniProt Accession #	P11142; Q9H3R6
Molecular Weight	53,518 Da
NCBI Official Full Name	Heat shock cognate 71 kDa protein
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; LPS-associated protein 1; heat shock 70kd protein 10; epididymis luminal protein 33; heat shock cognate protein 54; constitutive heat shock protein 70; lipopolysaccharide-associated protein 1; N-myristoyltransferase inhibitor protein 71; epididymis secretory sperm binding protein Li 72p
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

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://www.aaabiotech.com/polyclonal/hsc70-antibody-immunohistochemistry-western-blot-elisa/45472>