

## Rabbit HSC70 Polyclonal Antibody | anti-HSC70 antibody

Rabbit anti-HSC70 Antibody

| CATALOG # | HOST   | REACTIVITY                                      | APPLICATIONS                                          |
|-----------|--------|-------------------------------------------------|-------------------------------------------------------|
| AAA223692 | Rabbit | Human, Mouse, Rat, Bovine, Chicken, Monkey, Pig | Immunoprecipitation, Immunofluorescence, Western Blot |

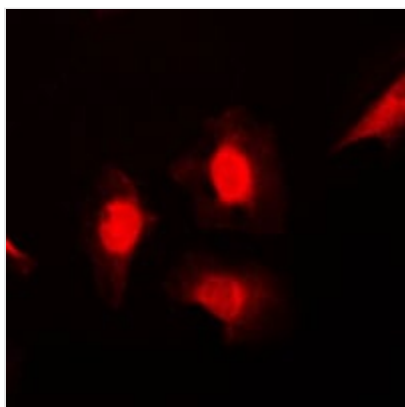
### PRODUCT SYNONYMS

HSC70; Polyclonal Antibody; Rabbit anti-HSC70 Antibody; HSP73; HSPA10; Heat shock cognate 71 kDa protein; Heat shock 70 kDa protein 8; Lipopolysaccharide-associated protein 1; LAP-1; LPS-associated protein 1; anti-HSC70 antibody

### PRODUCT SPECIFICATIONS

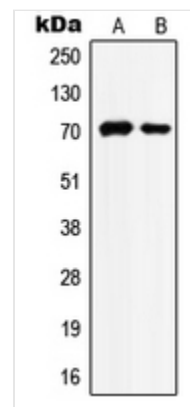
|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat, Bovine, Chicken, Monkey, Pig                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                           |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                      |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                            |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                               |
| Applicable Applications for anti-HSC70 antibody | IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                           |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HSC70. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                            |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of HSC70 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of HSC70 expression in HeLa (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-HSC70 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5729877                                                                                                                                                                                                                                          |
| NCBI GeneID                      | 3312                                                                                                                                                                                                                                             |
| NCBI Accession #                 | NP_006588.1                                                                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_006597.4                                                                                                                                                                                                                                      |
| UniProt Accession #              | P11142; P63017; P63018                                                                                                                                                                                                                           |
| Molecular Weight                 | 70,898 Da                                                                                                                                                                                                                                        |
| 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; NIP71; HSPA10                                                                                                                                                                                           |
| NCBI Protein Information         | heat shock cognate 71 kDa protein; LPS-associated protein 1; heat shock 70kd protein 10; heat shock cognate protein 54; constitutive heat shock protein 70; lipopolysaccharide-associated protein 1; N-myristoyltransferase inhibitor protein 71 |
| UniProt Protein Name             | Heat shock cognate 71 kDa protein                                                                                                                                                                                                                |
| UniProt Gene Name                | HSPA8                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | HSC70; HSP73; HSPA10                                                                                                                                                                                                                             |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsc70-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/223692>