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# Hsc70/HSPA8 Rabbit pAb

**Catalog No.: A14001** 4 Publications

## Basic Information

**Observed MW**
71kDa

**Calculated MW**
71kDa

**Category**
Primary antibody

**Applications**
ELISA,WB,IF/ICC

**Cross-Reactivity**
Human, Mouse, Rat

## Background

This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **IF/ICC** | 1:50 - 1:200 |

## Immunogen Information

**Gene ID**
3312

**Swiss Prot**
P11142

**Immunogen**
Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human Hsc70/HSPA8 (NP_006588.1).

**Synonyms**
LAP1; HSC54; HSC70; HSC71; HSP71; HSP73; LAP-1; NIP71; HEL-33; HSPA10; HEL-S-72p; Hsc70/HSPA8

## Contact

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## Product Information

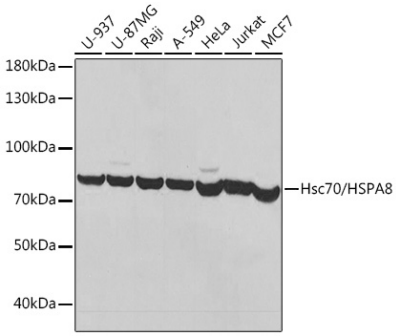
**Source**
Rabbit

**Isotype**
IgG

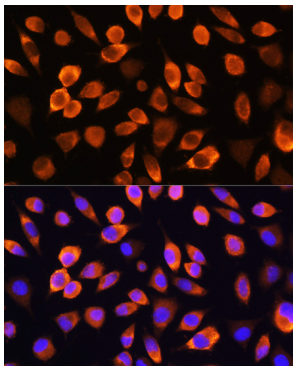
**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of various lysates using Hsc70/HSPA8 Rabbit pAb (A14001) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of L929 cells using HSPA8 Rabbit pAb (A14001) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.