

A7902

Leader in Biomolecular Solutions for Life Science



# HSPA2 Rabbit pAb

Catalog No.: A7902

## Basic Information

### Observed MW

75kDa

### Calculated MW

70kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

Enables disordered domain specific binding activity; enzyme binding activity; and unfolded protein binding activity. Involved in negative regulation of inclusion body assembly and protein refolding. Located in cytosol.

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

3306

### Swiss Prot

P54652

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 400-639 of human HSPA2 (NP\_068814.2).

### Synonyms

HSP70-2; HSP70-3; HSPA2

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

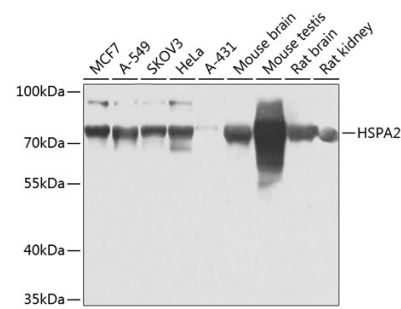
Affinity purification

### Storage

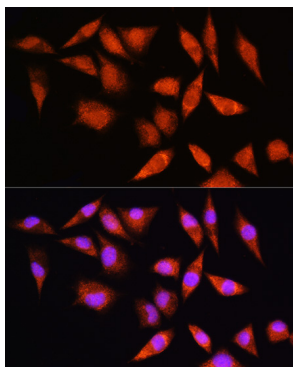
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

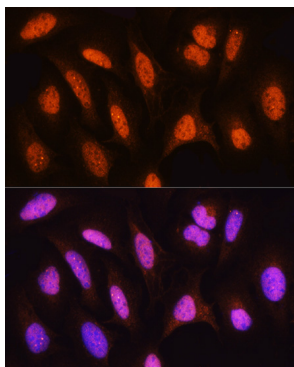
Validation Data



Western blot analysis of extracts of various cell lines, using HSPA2 antibody (A7902) 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. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



Immunofluorescence analysis of L929 cells using HSPA2 antibody (A7902) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using HSPA2 antibody (A7902) at dilution of 1:100. Blue: DAPI for nuclear staining.