

## Hsp70 Recombinant antibody

**Cat:** B08001L

**Company:** HaoKebio

**Uniprot ID:** Q61696

**Applications:** IHC:1:500-1:3000

**Organism:** Rabbit

IHC-Polymer:1:2000-1:12000

**Species reactivity:** Human Mouse Rat

IHC-TSA:1:2500-1:15000

**Molecular Weight Calculation:** 70 kDa

IF:1:50-1:150

**Observed Molecular Weight:** 70 kDa

WB:1:500-1:1000

### Background:

This protein is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.

### Protein full name:

heat shock 70kDa protein 1A

### Synonyms:

HSPA1A, Heat shock 70 kDa protein 1A, heat shock 70kDa protein 1A, Heat shock protein family A member 1A, HSP70.1

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm, Nucleus, Secreted

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

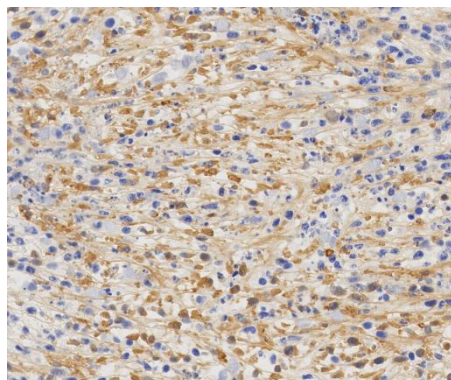
### Storage:

Store at -20 °C for one year.

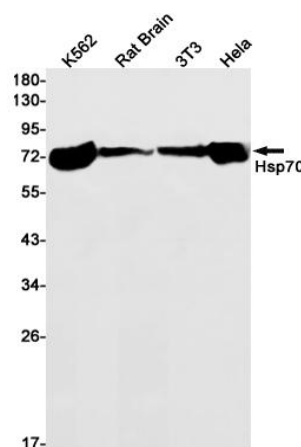
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse tumor, 4% PFA 12-24h



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

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