

## HSP70 Polyclonal Antibody

**Catalog No.** E-AB-40208

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

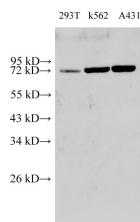
### Description

<b>Reactivity</b>	Human, Mouse, Rat, Bovine
<b>Immunogen</b>	Recombinant Human Heat shock 70 kDa protein 1A protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

### Applications Recommended Dilution

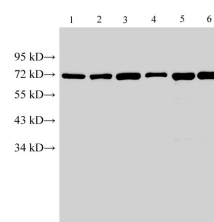
**WB 1:000-1:4000 IHC**  
**1:100-1:200**

### Data

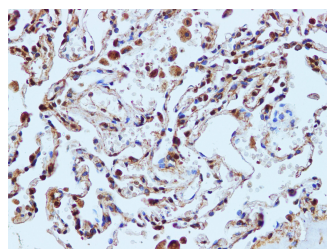


Western Blot analysis of 293T, k562 and A431 cells using HSP70 Polyclonal Antibody at dilution of 1:2000

**Observed Mw:70kDa**  
**Calculated Mw:70kDa**



Western Blot analysis of Rat brain, Mouse brain, Bovine heart, Bovine liver, Bovine lung and Bovine kidney tissues using HSP70 Polyclonal Antibody at dilution of 1:2000



Immunohistochemistry of paraffin-embedded Human lung using HSP70 Polyclonal Antibody at dilution of 1:100

### Preparation & Storage

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

### For Research Use Only

## Background

This intronless gene encodes a 70kDa heat shock protein which 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.