



A Reliable Research Partner in Life Science and Medicine

# **HSP70 Polyclonal Antibody**

catalog number: E-AB-40490

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

#### Description

Reactivity Human

Immunogen Synthetic peptide of Human Heat shock 70 kDa protein 1A

Host Rabbit Isotype IgG

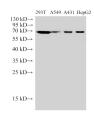
Purification Antigen Affinity Purification

**Buffer** PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

**WB** 1:2000-1:10000

#### Data



Western Blot analysis of 293T, A549, A431 and HepG2 cells using HSP70 Polyclonal Antibody at dilution of 1:10000.

Observed-MW:70 kDa Calculated-MW:64,70 kDa

## Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

#### **Background**

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjuction 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.

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com

 Rev. V2.2