

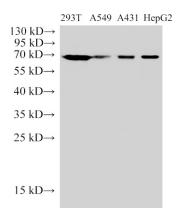
HSP70 Polyclonal Antibody

Catalog No. E-AB-40490
Storage Store at -20°C. Avoid freeze / thaw cycles.
Applications WB

Reactivity H
Host Rabbit
Isotype IgG

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

Images



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

Immunogen Information

Immunogen Synthetic peptide of Human Heat shock 70 kDa protein 1A
GeneID 3303,3304
Swissprot P0DMV8
Synonyms heat shock protein family A (Hsp70) member 1A, HSP70-1B, HSP70-2, HSP70.2

Product Information

Calculated MW 64,70 kDa
Observed MW 70 kDa
Buffer PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Purify Antigen Affinity Purification
Dilution WB 1:2000-1:10000

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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.