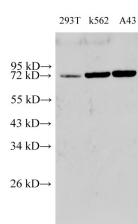


HSP70 Polyclonal Antibody

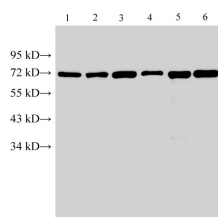
Catalog No.	E-AB-40208	Reactivity	H,M,R,B
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

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

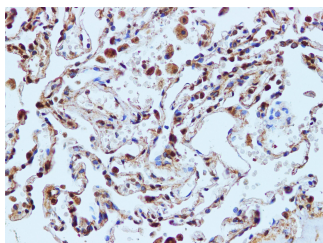
Images



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



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

Immunogen Information

Immunogen	Recombinant Human Heat shock 70 kDa protein 1A protein
Swissprot	P0DMV8
Synonyms	heat shock protein family A (Hsp70) member 1A,HSP70-1B,HSP70-2,HSP70.2

Product Information

Calculated MW	70kDa
Observed MW	70kDa
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Affinity purification
Dilution	WB 1:000-1:4000 IHC 1:100-1:200

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.