

Summary

Production Name	Hsp70 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Hsp70
Alternative Names	HSP72; HSPA1; HSP70I; HSPA1B; HSP70-1; HSP70-1A.
Gene ID	3303.0
SwissProt ID	P0DMV8.A synthetic peptide of human Hsp70

Application

Dilution Ratio	WB:1:500-1:1000,IHC:1:50-1:100,ICC:1:50-1:200
Molecular Weight	Calculated MW: 70 kDa; Observed MW: 70 kDa

Background

Product Name: Hsp70 Rabbit Monoclonal Antibody
Catalog #: AMRe85681

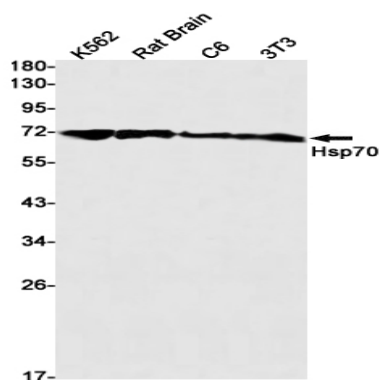


In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding 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.

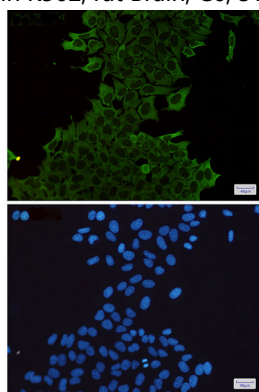
Research Area

MAPK signaling pathway

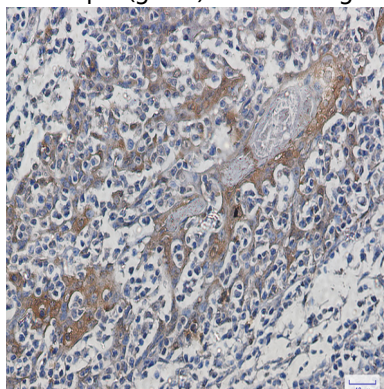
Image Data



Western blot analysis of Hsp70 in K562, rat Brain, C6, 3T3 lysates using Hsp70 antibody.



Immunocytochemistry analysis of Hsp70(green) in HeLa using Hsp70 antibody, and DAPI(blue)



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Immunohistochemistry analysis of paraffin-embedded Human tonsil using Hsp70 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.