

Product Name: Hsp70 Rabbit Monoclonal Antibody
Catalog #: AMRe21556



Summary

Production Name	Hsp70 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Immunogen

Gene Name	HSPA1A
Alternative Names	HSPA1A;HSPA1;HSPA1B;Heat shock 70 kDa protein 1A/1B;Heat shock 70 kDa protein 1/2;HSP70-1/HSP70-2;HSP70.1/HSP70.2
Gene ID	3303;3304
SwissProt ID	P0DMV8;P0DMV9;.

Application

Dilution Ratio	IHC 1:400-1000;WB 1:1000-5000;IF 1:200-1000;ELISA 1:5000-20000;IP 1:50-200
Molecular Weight	Calculated MW:70kD;Observed MW:70kD

Background

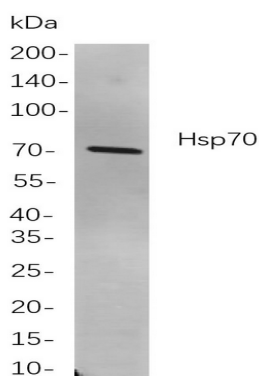
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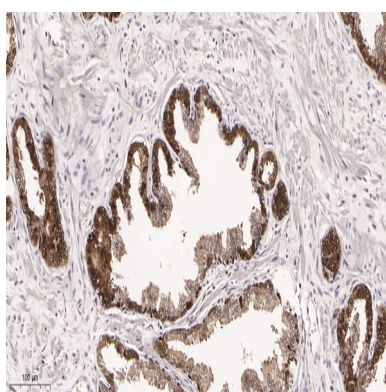
Cell localization:Nucleus.This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in 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. [provided by RefSeq, Jul 2008],

Research Area

Image Data

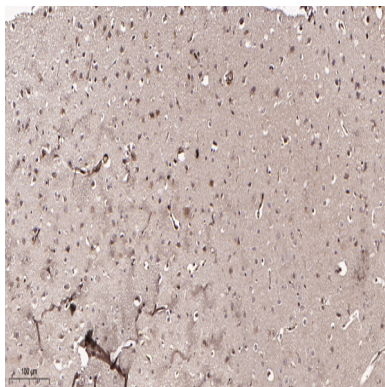


Western blot analysis of lysates from A172 cells, using Hsp70 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.



Immunohistochemical analysis of paraffin-embedded Human prostate tissue. 1, primary Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

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Immunohistochemical analysis of paraffin-embedded mouse brain tissue. 1, primary Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

Note

For research use only.