

Rabbit Hsp70 1A Polyclonal Antibody | anti-Hsp70 1A antibody

Hsp70 1A antibody

CATALOG # AAA107696	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

Hsp70 1A; Polyclonal Antibody; Hsp70 1A antibody; Polyclonal Hsp70 1A; Anti-Hsp70 1A; Hsp 1A-70; FLJ54408; Hsp72; HspA1A; FLJ54370; Hsp 1A 70; FLJ54392; Hsp70-1; Hsp70-1A; FLJ54303; heat shock 70kD protein 1A; FLJ75127; HspA1B; HspA1; Hsp70I; anti-Hsp70 1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Hsp70 1A antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-Hsp70 1A antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	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.
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



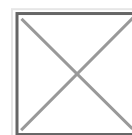
IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed A431, using HSP70 1A antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 7.5 % SDS PAGE gel and Hsp70 1A antibody at a dilution of 1:10000



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: H1299; B: HeLa; C: Hep G2) using a 7.5 % SDS PAGE gel and Hsp70 1A antibody at a dilution of 1:20000

ADDITIONAL INFORMATION

Related Product Information for anti-Hsp70 1A antibody	Affinity purified Rabbit polyclonal Hsp70 1A antibody
Product Categories/Family for anti-Hsp70 1A antibody	DNA & RNA; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	70 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp70-1a-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107696>