

Rabbit anti-Human HSP70 Polyclonal Antibody | anti-HSP70 antibody

HSP70 antibody

CATALOG # AAA303895	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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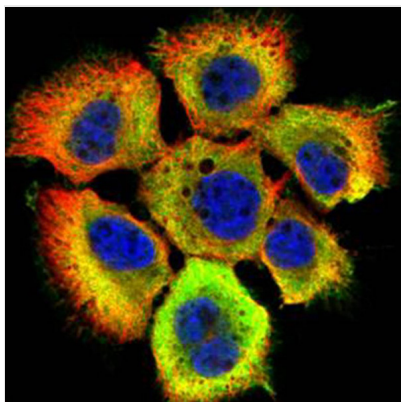
PRODUCT SYNONYMS

HSP70; Polyclonal Antibody; HSP70 antibody; anti-HSP70 antibody

PRODUCT SPECIFICATIONS

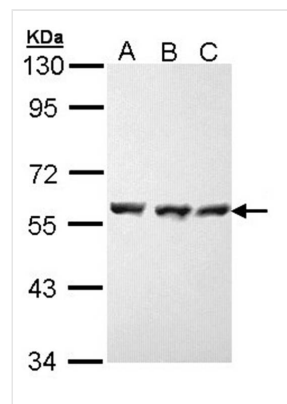
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	641
Applicable Applications for anti-HSP70 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 308 and 579 of HSP70
Target Name	HSP70
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed A431, using HSP70 1A antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.



Application Data

Sample (30 ug of whole cell lysate) A: H1299 B: Hela C: Hep G2 7.5% SDS PAGE Primary antibody diluted at 1: 20000

ADDITIONAL INFORMATION

Related Product Information for anti-HSP70 antibody	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]
Product Categories/Family for anti-HSP70 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	194248072
NCBI GeneID	3303
NCBI Accession #	NP_005336
NCBI GenBank Nucleotide #	NM_005345.5
Molecular Weight	63,937 Da
NCBI Official Full Name	heat shock 70 kDa protein 1A/1B
NCBI Official Synonym Full Names	heat shock 70kDa protein 1A
NCBI Official Symbol	HSPA1A
NCBI Official Synonym Symbols	HSP72; HSPA1; HSP70I; HSP70-1; HSP70.1; HSP70-1A; HEL-S-103
NCBI Protein Information	heat shock 70 kDa protein 1A
UniProt Protein Name	Heat shock 70 kDa protein 1A
UniProt Gene Name	HSPA1A
UniProt Synonym Gene Names	HSPA1; HSX70; HSP70.1
UniProt Entry Name	HS71A_HUMAN

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://www.aaabiotech.com/polyclonal/hsp70-antibody-immunofluorescence-western-blot-elisa/303895>