

Rabbit HSPA1A Antibody | anti-HSPA1A antibody

HSPA1A Polyclonal Antibody

CATALOG # AAA280951	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HSPA1A; HSPA1A Polyclonal Antibody; HEL-S-103; HSP70-1; HSP70-1A; HSP70.1; HSP70I; HSP72; HSPA1; HSP70; anti-HSPA1A antibody

PRODUCT SPECIFICATIONS

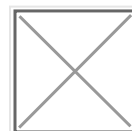
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-HSPA1A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 500-600 of human HSP70 (NP_005336.3).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



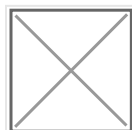
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using HSP70 Polyclonal Antibody (AAA280951) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



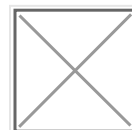
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded rat testis using HSP70 antibody (AAA280951) at dilution of 1:100 (40x lens).



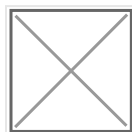
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded mouse testis using HSP70 antibody (AAA280951) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded human lung cancer using HSP70 antibody (AAA280951) at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HSPA1A antibody at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA1A 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 ubiquitinproteasome 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.
Product Categories/Family for anti-HSPA1A antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	825168577
NCBI GeneID	3303
UniProt Accession #	P0DMV8; P08107; P19790; Q5JQI4; Q5SP17; Q9UQL9; Q9UQM0; B4E3B6
Molecular Weight	Observed MW: 70kDa Calculated MW: 70kDa
NCBI Official Full Name	Heat shock 70 kDa protein 1A
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 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	; HSP70.1

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/rabbit-antibody/hspa1a/280951>