

Rabbit HSPA1A Polyclonal Antibody | anti-HSPA1A antibody

HSPA1A Polyclonal Antibody

CATALOG # AAA176956	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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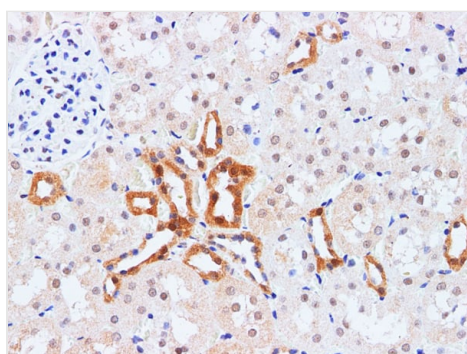
PRODUCT SYNONYMS

HSPA1A; Polyclonal Antibody; HSPA1A Polyclonal Antibody; heat shock protein family A (Hsp70) member 1A; heat shock protein family A (Hsp70) member 1B; HSP70-1B; HSP70-2; HSP70.2; anti-HSPA1A antibody

PRODUCT SPECIFICATIONS

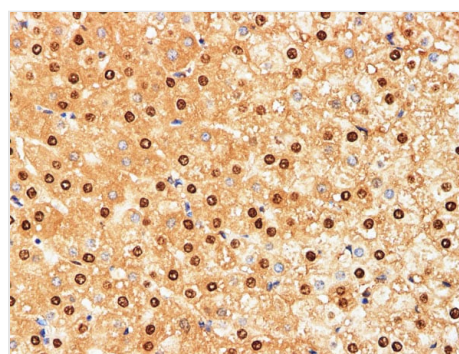
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Concentration	1mg/mL (varies by lot)
Sequence Length	641
Applicable Applications for anti-HSPA1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human Heat shock 70 kDa protein 1A protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20?. Avoid freeze/ thaw cycles.

IMAGES



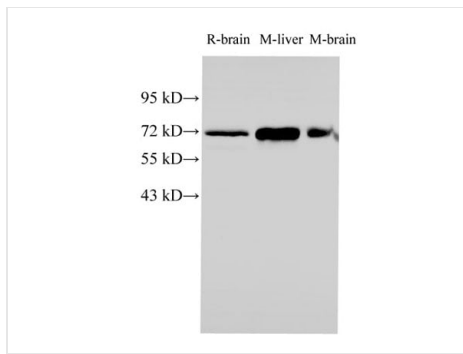
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney using HSPA1A Polyclonal Antibody at dilution of 1:200



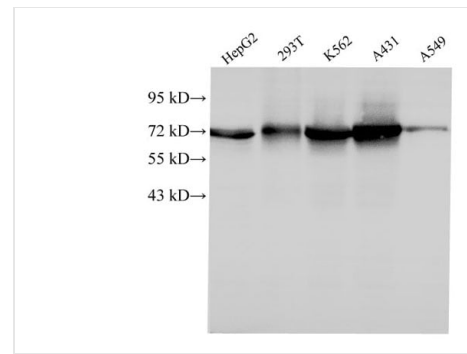
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human liver using HSPA1A Polyclonal Antibody at dilution of 1:200



WB (Western Blot)

Western Blot analysis of Rat brain, Mouse liver and Mouse brain tissues using HSPA1A Polyclonal Antibody at dilution of 1:1000



WB (Western Blot)

Western Blot analysis of HepG2, 293T, K562, A431 and A549 cells using HSPA1A Polyclonal Antibody at dilution of 1:1000

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 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.

Product Categories/Family for anti-HSPA1A antibody

Cancer, Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	194248072
NCBI GeneID	3303
NCBI Accession #	NP_005336.3
NCBI GenBank Nucleotide #	NP_005336.3
UniProt Accession #	P0DMV8
Molecular Weight	Calculated MW: 70kDa Observed 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; HSP70-2; HSP70.1; HSP70.2; 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	HSP721 PublicationManual assertion based on opinion iniRef.41; HSP70-12 PublicationsManual assertion based on opinion iniRef.4; 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://www.aaabiotech.com/polyclonal/hspa1a-antibody-immunohistochemistry-western-blot-elisa/176956>