

Rabbit anti-Human HSPA1A Polyclonal Antibody | anti-HSPA1A antibody

HSPA1A Antibody

CATALOG # AAA243544	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

HSPA1A; Polyclonal Antibody; HSPA1A Antibody; Heat shock 70 kDa protein 1A (Heat shock 70 kDa protein 1) (HSP70-1) (HSP70.1); HSP72 HSPA1 HSX70; anti-HSPA1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-HSPA1A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Heat shock 70 kDa protein 1A protein (291-641AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA243544 diluted at 1:700 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: A549 whole cell lysate, COLO320 whole cell lysate, HepG2 whole cell lysate, Jurkat whole cell lysate, MCF-7 whole cell lysate, PC-3 whole cell lysateAll lanes: HSPA1A antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 71, 64 kDaObserved band size: 71 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSPA1A antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194248072
NCBI GeneID	3303
NCBI Accession #	NP_005336.3
NCBI GenBank Nucleotide #	NM_005345.5
UniProt Accession #	P0DMV8; P19790; Q5JQI4; Q5SP17; Q9UQL9; Q9UQM0; B4E3B6; P08107
Molecular Weight	70,052 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; HSP70-1A
NCBI Protein Information	heat shock 70 kDa protein 1A/1B; HSP70-1/HSP70-2; heat shock 70kD protein 1A; heat shock-induced protein; heat shock 70 kDa protein 1/2; dnaK-type molecular chaperone HSP70-1
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://stage.aaabiotech.com/polyclonal/hspa1a-antibody-immunohistochemistry-western-blot-elisa/243544>