

Rabbit HSPA1A Polyclonal Antibody | anti-HSPA1A antibody

HSPA1A antibody - middle region

CATALOG # AAA197523	HOST Rabbit	REACTIVITY Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

PRODUCT SYNONYMS

HSPA1A; Polyclonal Antibody; HSPA1A antibody - middle region; anti-HSPA1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SL FEGIDFYTSI TRARFEELCS DLFRSTLEPV EKALRDAKLD KAQIHDLV
Sequence Length	476
Applicable Applications for anti-HSPA1A antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HSPA1A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-HSPA1A Antibody Titration: 1.25ug/ml Positive Control: Human Liver



IHC (Immunohistochemistry)

Rabbit Anti-HSPA1A Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver
Tissue Observed Staining: Cytoplasm Primary Antibody Concentration: 1:100 Other Working
Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody
Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA1A antibody	This is a rabbit polyclonal antibody against HSPA1A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: HSPA1A 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.
Product Categories/Family for anti-HSPA1A antibody	Polyclonal ; Various ; E3 & Ubiquitin ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	55962552
NCBI GeneID	3303
NCBI Accession #	CAI18465
NCBI GenBank Nucleotide #	NM_005345
UniProt Accession #	P08107; P0DMV8
Molecular Weight	52kDa
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/1B
UniProt Gene Name	HSPA1A
UniProt Synonym Gene Names	HSPA1; HSP70-1/HSP70-2
UniProt Entry Name	HSP71_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hspa1a-antibody-western-blot-elisa/197523>