

Rabbit Heat Shock 70kDa Protein 1A Polyclonal Antibody | anti-HSPA1A antibody

Polyclonal Antibody to Heat Shock 70kDa Protein 1A (HSPA1A)

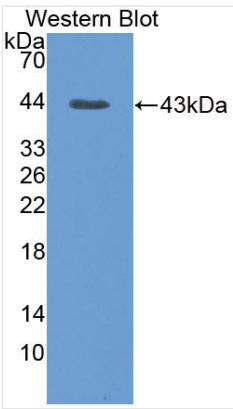
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20945	Rabbit	Human, Mouse, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

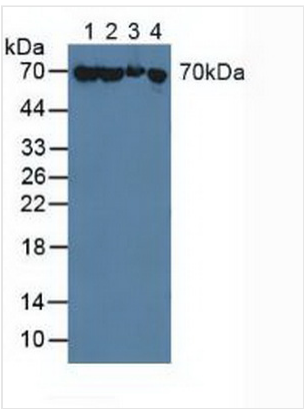
Heat Shock 70kDa Protein 1A; Polyclonal Antibody; Polyclonal Antibody to Heat Shock 70kDa Protein 1A (HSPA1A); anti-HSPA1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Pig
Clonality	Polyclonal
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-HSPA1A antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Application Notes	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Organism Species	Homo sapiens (Human)
Source	Polyclonal antibody preparation
Traits	Liquid
Cross Reactivity	Human, Mouse, Pig
Immunogen	Recombinant HSPA1A (Asp285~Asp641 (Accession # P08107)) expressed in E.coli
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



KO (Knockout Validation)
Knockout Validation: Lane 1: Wild-type A549 cell lysate; Lane 2: HSPA1A knockout A549 cell lysate; Predicted MW: 64,70kDa; Observed MW: 64kDa; Primary Ab: 3ug/ml Rabbit Anti-Human HSPA1A Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;(Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Porcine Liver Tissue; Lane2: Porcine Brain Tissue; Lane3: Mouse Liver Tissue; Lane4: Human A549 Cells .

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSPA1A antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	147744565
NCBI GeneID	3304
UniProt Accession #	P08107; P19790; Q5JQI4; Q5SP17; Q9UQL9; Q9UQM0; B4E3B6; P0DMV9
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 1B
NCBI Official Symbol	HSPA1B
NCBI Official Synonym Symbols	HSP70-2; HSP70.2; HSP70-1B
NCBI Protein Information	heat shock 70 kDa protein 1B
UniProt Protein Name	Heat shock 70 kDa protein 1B
UniProt Gene Name	HSPA1B
UniProt Synonym Gene Names	HSP70.2

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/heat-shock-70kda-protein-1a-antibody-western-blot-immunocytochemistry-immunohistochemistry-immunoprecipitation-elisa/20945>