

Rabbit Hspa1a Polyclonal Antibody | anti-HSPA1A antibody

Hspa1a antibody - N-terminal region

CATALOG # AAA201049	HOST Rabbit	REACTIVITY Dog, Goat, Human, Mouse, Rat, Yeast, Zebrafish	APPLICATIONS Western Blot
-------------------------------	-----------------------	---	-------------------------------------

PRODUCT SYNONYMS

Hspa1a; Polyclonal Antibody; Hspa1a antibody - N-terminal region; anti-HSPA1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Goat, Human, Mouse, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity 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: KM KEIAEAYLGHPVTNAVITVPAYFNDSQRQATKDAGVIAGLNVLRIINE
Sequence Length	641
Applicable Applications for anti-HSPA1A antibody	WB (Western Blot)
Homology	Dog: 100%; Goat: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 100%
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.

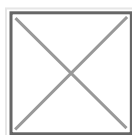
IMAGES


WB (Western Blot)

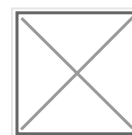
WB Suggested Anti-Hspa1a Antibody Titration: 1.0 ug/ml Positive Control: Mouse Heart


WB (Western Blot)

WB Suggested Anti-Hspa1a Antibody Positive Control: Lane 1: 80ug pig serum Primary Antibody Dilution : 1:1000 Secondary Antibody : Anti-rabbit-HRP Secondary Antibody Dilution : 1:1000 Submitted by: Martina Ondrovics, University of Veterinary Medicine Vienna


WB (Western Blot)

WB Suggested Anti-Hspa1a Antibody Positive Control: Lane 1: 80ug pig serum Primary Antibody Dilution : 1:1000 Secondary Antibody : Anti-rabbit-HRP Secondary Antibody Dilution : 1:1000 Submitted by: Martina Ondrovics, University of Veterinary Medicine Vienna


WB (Western Blot)

Lanes: Lane1: 10ug mouse cortex brain lysate Lane2: 25ug mouse cortex brain lysate Lane3: 40ug mouse cortex brain lysate Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:2000 Gene Name: Hspa1a Submitted by: Anonymous

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA1A antibody	This is a rabbit polyclonal antibody against Hspa1a. It was validated on Western Blot Target Description: In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage.
Product Categories/Family for anti-HSPA1A antibody	Polyclonal ; RNA Binding Proteins ; Cell Cycle Proteins ; DNA/RNA/Protein Interactions ; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	124339829
NCBI GeneID	193740
NCBI Accession #	NP_034609
NCBI GenBank Nucleotide #	NM_010479
UniProt Accession #	Q61696
Molecular Weight	70kDa
NCBI Official Full Name	heat shock 70 kDa protein 1A
NCBI Official Synonym Full Names	heat shock protein 1A
NCBI Official Symbol	Hspa1a
NCBI Official Synonym Symbols	Hsp72; hsp68; Hsp70-3; Hsp70.3; hsp70A1
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	Hsp70-3; Hsp70A1; HSP70.3

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/201049>