

Rabbit Heat Shock 70kDa Protein 1B (HSPA1B) Polyclonal Antibody | anti-HSPA1B antibody

Polyclonal Antibody to Heat Shock 70kDa Protein 1B (HSPA1B)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132146	Rabbit	Bovine, Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Heat Shock 70kDa Protein 1B (HSPA1B); Polyclonal Antibody; Polyclonal Antibody to Heat Shock 70kDa Protein 1B (HSPA1B); anti-HSPA1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against HSPA1B. It has been selected for its ability to recognize HSPA1B in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and its sequence is listed below. M GHHHHHSGS EF-MAKNTAI GIDLGTYSY VGVFQHGKVE IANDQGNRT TPSYVAFTDT ERLIGDAAKN QVALNPQNTV FDKRLIGRK FGDPVVQSDM KHWPFVRIND GDKPKVQVSY KGETKAFYPE EISSMVLTKM KEIAEAYLGH PVTNAVITVP AYFNDSQRQA TKDAGVIAGL NVLRIINEPT AAAIAYGLDR TGKGERNVLI FDLGGGTFDV SILTIDGIF EVKATAGDTH LGGEDFDNRL VNHFVEEFKR KHKDISQNK RAVRRRLRTAC ERAKRTLSSS TQASLEIDSL FEGIDFYTSI TRARFEELCS DLFRSTLEPV EKALRDAKLD KAQIHDVLV GGSTRIPKVQ KLLQDFFNGR DLNKSINPDE AVAYGAAVQA AILMGDKSEN VQDLLLDVA PLSLGLETAG GVMTALIKRN STIPTKQTQI FTTYSNQPQ VLIQVYEGER AMTRDNNLLG RFELSGIPPA PRGVPQIEVT FDIDANGILN VTATDKSTGK ANKITITNDK GRLSKEEIER MVQEAKEYKA EDEVQRERVS AKNALESYAF NMKSAVEDEG LKGKISEADK KVLDDKCEV ISWLDANTLA EKDEFEHKRR ELEQVCNPII SRLYQGAGGP GAGGFGAQGP KGGSGSGPTI EEVD
Sequence Length	641
Applicable Applications for anti-HSPA1B antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant HSPA1B (Met1~Asp641) expressed in E.coli.
Cross Reactivity	Bovine
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Bovine Liver lysate; Primary Ab: 1ug/ml Rabbit Anti-Bovine HSPA1B
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	73853769
NCBI GeneID	282254
NCBI Accession #	NP_976067.2
NCBI GenBank Nucleotide #	NM_203322.2
UniProt Accession #	Q27965; Q28122; Q3ZBV7
Molecular Weight	70,228 Da
NCBI Official Full Name	heat shock 70 kDa protein 1B
NCBI Official Symbol	HSPA1A
NCBI Official Synonym Symbols	HSP70; HSPA1; HSPA2; HSPA1B; HSP70-1; HSP70-2
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; 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.