

Datasheet for ABIN2789650
anti-HSPA1B antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HSPA1B
Binding Specificity:	C-Term
Reactivity:	Mouse, Cow, Human, Rat, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	DKSTGKANKI TITNDKGRLS KEEIERMVQE AEKYKAEDEV QRERVSARKNA
Predicted Reactivity:	Cow: 100%, Dog: 93%, Goat: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 93%, Sheep: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against HSPA1B. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HSPA1B
Alternative Name:	HSPA1B (HSPA1B Products)
Background:	This intronless gene encodes a 70 kDa heat shock protein which is a member of the heat shock

Target Details

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. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.

Alias Symbols: FLJ54328, HSP70-1B, HSP70-2, HSPA1A

Protein Interaction Partner: PA2G4, STUB1, UBC, TP53, BAG4, STAU1, TRIM25, RNF2, EZH2, FBXO6, PINK1, UBD, ADRB2, UBL4A, VCAM1, TGM2, PPP5C, ITGA4, HSP90AA1, FN1, DAB2, SMURF1, CTNNB1, FMNL1, UBASH3B, SHC1, PIK3R2, INPPL1, GRB2, EPS15, CRK, AP2M1, CBL, HSPBP1, CAND1, DCUN1D1, COPS5, C

Protein Size: 641

Molecular Weight: 70 kDa

Gene ID: 3304

NCBI Accession: [NM_005346](#), [NP_005337](#)

UniProt: [P08107](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 641 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-HSPA1B Antibody
Catalog Number: ARP63869
Lot Number: QC34717
Lane: MDA-MB-435S Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.