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anti-Hsc70 antibody (N-Term)

10 lm

Images



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Quantity:	100 μL
Target:	Hsc70 (HSPA8)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Sheep, Pig, Zebrafish (Danio rerio), Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hsc70 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HSPA8
Sequence:	MSKGPAVGID LGTTYSCVGV FQHGKVEIIA NDQGNRTTPS YVAFTDTERL
Predicted Reactivity:	Cow: 100%, Goat: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against HSPA8. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	Hsc70 (HSPA8)

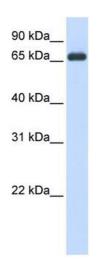
Target Details

Alternative Name:	HSPA8 (HSPA8 Products)
Background:	HSPA8 belongs to the heat shock protein 70 family which contains both heat-inducible and
	constitutively expressed members. The latter are called heat-shock cognate proteins. HSPA8 is
	a heat-shock cognate protein. The protein binds to nascent polypeptides to facilitate correct
	folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during
	transport of membrane components through the cell. Two alternatively spliced variants have
	been characterized to date. The product encoded by this gene belongs to the heat shock protein
	70 family which contains both heat-inducible and constitutively expressed members. The latter
	are called heat-shock cognate proteins. This gene encodes a heat-shock cognate protein. This
	protein binds to nascent polypeptides to facilitate correct folding. It also functions as an
	ATPase in the disassembly of clathrin-coated vesicles during transport of membrane
	components through the cell. Two alternatively spliced variants have been characterized to
	date.
	Alias Symbols: HSC54, HSC70, HSC71, HSP71, HSP73, HSPA10, LAP1, MGC131511,
	MGC29929, NIP71
	Protein Interaction Partner: FUS, HSPBP1, TRIM38, STUB1, ISG15, UBC, TP53, BAG1, BAG3,
	IL32, NMI, AIRE, HAUS2, TUBGCP4, CEP250, TUBGCP2, TUBGCP3, TUBG1, AURKA, SUMO2,
	SUMO3, MDM2, LGALS3BP, CDKN1A, CDC20, HAUS1, STAU1, ST13, HSPA4, HSPA2, DNAJA1,
	GABRB1, EDRF1, DNAJC9, HSPA4L, HSPH1,
	Protein Size: 646
Molecular Weight:	71 kDa
Gene ID:	3312
NCBI Accession:	NM_006597, NP_006588
UniProt:	P11142
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 646 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
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Handling

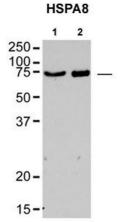
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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



Western Blotting

Image 1. WB Suggested Anti-HSPA8 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell lysate



Western Blotting

Image 2. Sample type: rat brain lysate

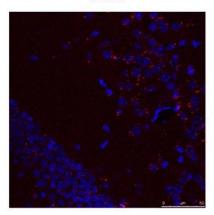
Primary Dilution: 1:1000

Image Submitted By: Jennifer Morgan, PhD &, David Busch

University of Texas in Austin

See Immunoblot 2 Data for more information.

HSP8



See Immunohistochemistry 1 Data for more information.

Immunohistochemistry

Image 3. Sample Type: Mouse Brain Slices

Red: primary **Blue:** DAPI

Primary Dilution: 1:400

Secondary Antibody: Anti-Rabbit IgG Alexa 594

Secondary Dilution: 1:400

Image Submitted By: Adahir Labrador-Garrido and Cintia

Roodveldt

University of Seville

Please check the product details page for more images. Overall 10 images are available for ABIN2783374.