

Rabbit DNAJB4 Polyclonal Antibody | anti-DNAJB4 antibody

DNAJB4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324279	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

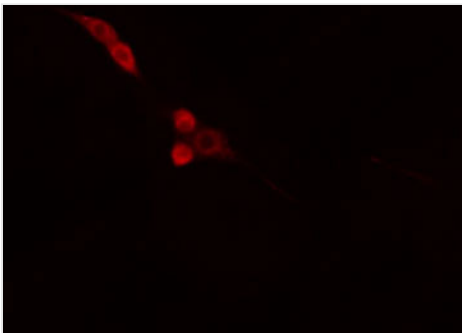
PRODUCT SYNONYMS

DNAJB4; Polyclonal Antibody; DNAJB4 Antibody; DjB4; DnaJ (Hsp40) homolog subfamily B member 4; DnaJ homolog subfamily B member 4; DnaJ like heat shock protein 40; DNAJB 4; DNAJW; DNJB4_HUMAN; Heat shock 40 kDa protein 1 homolog; Heat shock protein 40 homolog; HLJ 1; HLJ1; HSP40 homolog; Human liver DnaJ-like protein; anti-DNAJB4 antibody

PRODUCT SPECIFICATIONS

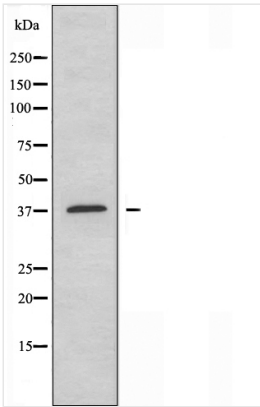
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DNAJB4 antibody detects endogenous levels of total DNAJB4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	337
Applicable Applications for anti-DNAJB4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Cell Membrane. Cytoplasmic according to PubMed:18837411 and membrane-associated according to PubMed:16542645.
Tissue Specificity	Expressed in heart, pancreas and skeletal muscle, and to a lesser extent in brain, placenta and liver.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (80%), Bovine (80%), Horse (90%), Sheep (80%), Rabbit (100%), Dog (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324279 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using DNAJB4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DNAJB4 antibody	Function: Probable chaperone. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:24318877). Subunit Structure: Homodimer. The C-terminal section interacts with the C-terminal tail of OPRM1. Interacts also with SDIM1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	952977816
NCBI GeneID	11080
NCBI Accession #	NP_001304028.1
NCBI GenBank Nucleotide #	NM_001317099.1
UniProt Accession #	Q9UDY4; Q13431; B2R824
Molecular Weight	Observed: 38 kD Predicted: 38 kDa
NCBI Official Full Name	dnaJ homolog subfamily B member 4 isoform a
NCBI Official Synonym Full Names	DnaJ heat shock protein family (Hsp40) member B4
NCBI Official Symbol	DNAJB4
NCBI Official Synonym Symbols	DjB4; HLJ1; DNAJW
NCBI Protein Information	dnaJ homolog subfamily B member 4
UniProt Protein Name	DnaJ homolog subfamily B member 4
UniProt Gene Name	DNAJB4
UniProt Synonym Gene Names	DNAJW; HLJ1; HSP40 homolog; Heat shock protein 40 homolog

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.