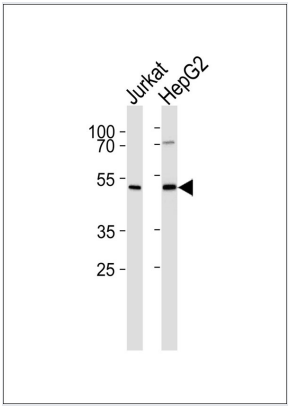
DNAJB4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DNAJB4, Polyclonal Antibody
Full Product Name	DNAJB4 Antibody
Product Gene Name	anti-DNAJB4 antibody
Product Synonym Names	DnaJ homolog subfamily B member 4; Heat shock 40 kDa protein 1 homolog; HSP40 homolog; Heat shock protein 40 homolog; Human liver DnaJ-like protein; DNAJB4; DNAJW; HLJ1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, mouse, rat
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	37807
Immunogen Sequence Positions	110-139
OMIM	611327
3D Structure	ModBase 3D Structure for Q9UDY4
Antigen Type	Synthetic Peptide
Product Categories/Family for anti-DNAJB4 antibody	Cancer; Signal Transduction
Applications Tested/Suitable for anti-DNAJB4 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-DNAJB4 antibody	WB~~1:500-1:1000
Related Product Information for anti-DNAJB4 antibody	MBS9205385 is an antibody targeting DNAJB4. Also known as DNAJB4 Antibody. Reactive in Human, mouse, rat. Host: Rabbit. Probable chaperone.
Product References and Citations for anti-DNAJB4 antibody	Hoe K.L.,et al.Biochim. Biophys. Acta 1383:4-8(1998). Ota T.,et al.Nat. Genet. 36:40-45(2004). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Won M.,et al.Submitted (NOV-1995) to the EMBL/GenBank/DDBJ databases. Bienvenut W.V.,et al.Submitted (MAR-2009) to UniProtKB.
Other Notes	Small volumes of anti-DNAJB4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-DNAJB4 antibody
Western blot analysis of lysates from Jurkat,HepG2 cell line (from left to right),using DNAJB4 Antibody(MBS9205385). MBS9205385 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DNAJB4. It may not necessarily be applicable to this product.

NCBI GI #	6631085
NCBI GeneID	11080
NCBI Accession #	NP_008965.2
UniProt Primary Accession #	Q9UDY4
UniProt Secondary Accession #	Q13431; B2R824
UniProt Related Accession #	Q9UDY4
GenBank Nucleotide #	NM_007034.3
NCBI Official Full Name	dnaJ homolog subfamily B member 4
NCBI Official Synonym Full Names	DnaJ (Hsp40) homolog, subfamily B, member 4
NCBI Official Symbol	DNAJB4
NCBI Official Synonym Symbols	DjB4; HLJ1; DNAJW
UniProt Protein Name	DnaJ homolog subfamily B member 4
UniProt Synonym Protein Names	Heat shock 40 kDa protein 1 homolog; HSP40 homolog; Heat shock protein 40 homolog; Human liver DnaJ-like protein
Protein Family	DnaJ homolog subfamily
UniProt Gene Name	DNAJB4
UniProt Synonym Gene Names	DNAJW; HLJ1; HSP40 homolog; Heat shock protein 40 homolog
UniProt Entry Name	DNJB4_HUMAN
NCBI Protein Information	dnaJ homolog subfamily B member 4
NCBI Summary for DNAJB4	DNAJB4 belongs to the evolutionarily conserved DNAJ/HSP40 protein family. For background information on the DNAJ family, see MIM 608375.[supplied by OMIM, Mar 2008]

UniProt Comments for DNAJB4	DNAJB4: Probable chaperone. Homodimer. The C-terminal section interacts with the C- terminal tail of OPRM1. Interacts also with SDIM1. By heat shock. Expressed in heart, pancreas and skeletal muscle, and to a lesser extent in brain, placenta and liver. Protein type: Chaperone Chromosomal Location of Human Ortholog: 1p31.1 Cellular Component: nucleoplasm; cytoplasm; plasma membrane; cytosol Molecular Function: protein binding; chaperone binding; unfolded protein binding Biological Process: protein folding; response to heat; response to unfolded protein
Research Articles on DNAJB4	**1.** HLJ1 is a strong tumor suppressor for colorectal carcinoma
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