

Rabbit anti-Human DNAJB6 Polyclonal Antibody | anti-DNAJB6 antibody

DNAJB6 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287776	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

DNAJB6; Polyclonal Antibody; DNAJB6 Antibody (Center); DnaJ homolog subfamily B member 6; HHDJ1; Heat shock protein J2; HSJ-2; MRJ; MSJ-1; HSJ2; MSJ1; anti-DNAJB6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DNAJB6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 218-247 amino acids from the Central region of human DNAJB6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	218-247
Sequence Length	277
Applicable Applications for anti-DNAJB6 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.

IMAGES



FCM/FACS (Flow Cytometry)

DNAJB6 Antibody (Center) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

DNAJB6 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DNAJB6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DNAJB6 Antibody (Center) Pab pre-incubated without(lane 1) and with(lane 2) blocking peptide in Hela cell line lysate. DNAJB6 Antibody (Center) (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DNAJB6 antibody	This gene encodes a member of the DNAJ protein family. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. This family member may also play a role in polyglutamine aggregation in specific neurons. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been fully described.
Product Categories/Family for anti-DNAJB6 antibody	Neuroscience; Signal Transduction
References	Mitra, A., et al. J. Biol. Chem. 285(32):24686-24694(2010) Edo De Bock, C., et al. Int. J. Oncol. 36(5):1155-1163(2010) Hageman, J., et al. Mol. Cell 37(3):355-369(2010) Lowe, J.K., et al. PLoS Genet. 5 (2), E1000365 (2009) : Dey, S., et al. Mol. Cell. Biochem. 322 (1-2), 137-142 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885495
NCBI GeneID	10049
NCBI Accession #	NP_005485.1; NP_490647.1
NCBI GenBank Nucleotide #	NM_005494.2
UniProt Accession #	O75190; O95806; Q53EN8; Q59EF2; Q6FIC8; Q75MA2; Q9UIK6; A4D232; A8K7D8; A8KAG0; B4DN73; E9PCZ2
Molecular Weight	36087
NCBI Official Full Name	dnaJ homolog subfamily B member 6 isoform b
NCBI Official Synonym Full Names	DnaJ (Hsp40) homolog, subfamily B, member 6
NCBI Official Symbol	DNAJB6
NCBI Official Synonym Symbols	DJ4; MRJ; DnaJ; HSJ2; HHDJ1; HSJ-2; MSJ-1; LGMD1D; LGMD1E
NCBI Protein Information	dnaJ homolog subfamily B member 6
UniProt Protein Name	DnaJ homolog subfamily B member 6
UniProt Gene Name	DNAJB6
UniProt Synonym Gene Names	HSJ2; MRJ; MSJ1; HSJ-2
UniProt Entry Name	DNJB6_HUMAN

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.

