Mouse DNAJB2 Monoclonal Antibody | anti-DNAJB2 antibody

DNAJB2 antibody

CATALOG #	HOST	APPLICATIONS
AAA106231	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

DNAJB2; Monoclonal Antibody; DNAJB2 antibody; Monoclonal DNAJB2; Anti-DNAJB2; DnaJ Hsp40 homolog subfamily B member 2; HSPF3; HSJ1; DnaJ protein homolog 1; Heat shock protein J1; DnaJ homolog subfamily B member 2; DNAJB 2; DNAJB-2; anti-DNAJB2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4D12
Purity/Purification	DNAJB2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	277
Applicable Applications for anti-DNAJB2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DNAJB2 belongs to the DnaJ family. It is expressed almost exclusively in the brain, with the highest levels in the frontal cortex and hippocampus. The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions. The DnaJ proteins play a critical role in the HSP70 chaperone machine by interacting with HSP70 to stimulate ATP hydrolysis. DnaJB2 is important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis.
Cross-Reactivity	Human
Immunogen	DNAJB2 antibody was raised in mouse using a full length recombinant protein of human DNAJB2 (NP_001034639) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant DNAJB2 protein using DNAJB2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DNAJB2 protein (Right) or empty vector (Left) detected with DNAJB2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DNAJB2 antibody	Mouse monoclonal DNAJB2 antibody
Product Categories/Family for anti-DNAJB2 antibody	Protein Modification & Stress Response

NCBI AND UNIPROT INFORMATION

NCBI GI #	88501736
NCBI GeneID	3300
NCBI Accession #	NP_001034639
NCBI GenBank Nucleotide #	NM_001039550.1
UniProt Accession #	P25686; Q8IUK1; Q8IUK2; Q96F52; A8K9P6
Molecular Weight	30,569 Da
NCBI Official Full Name	dnaJ homolog subfamily B member 2 isoform a
NCBI Official Synonym Full Names	DnaJ (Hsp40) homolog, subfamily B, member 2
NCBI Official Symbol	DNAJB2
NCBI Official Synonym Symbols	HSJ1; CMT2T; DSMA5; HSJ-1; HSPF3
NCBI Protein Information	dnaJ homolog subfamily B member 2
UniProt Protein Name	DnaJ homolog subfamily B member 2
UniProt Gene Name	**DNAJB2**
UniProt Synonym Gene Names	HSJ1; HSPF3; HSJ-1
UniProt Entry Name	DNJB2_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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/dnajb2-antibody-clone-4d12-western-blot-immunofluorescence-flow-cytometry-elisa/106231