



# Anti-DNAJB2 (aa 216-324) polyclonal antibody (DPAB-DC1619)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene is almost exclusively expressed in the brain, mainly in the neuronal layers. It encodes a protein that shows sequence similarity to bacterial DnaJ protein and the yeast homologs. In bacteria, this protein is implicated in protein folding and protein complex dissociation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
<b>Immunogen</b>	DNAJB2 (NP_006727, 216 a.a. ~ 324 a.a) partial recombinant protein with GST tag. The sequence is LELSRREQQPSVTSRSGGTQVQQTPASCPLDSLSEDEDLQLAMAYSLSEMEAAGKKPAG GREAQHRRQGRPKAQHQDPGLGGTQEGARGEATKRSPSPEEKASRCLIL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">DNAJB2 DnaJ (Hsp40) homolog, subfamily B, member 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	DNAJB2
<b>Synonyms</b>	DNAJB2; DnaJ (Hsp40) homolog, subfamily B, member 2; HSJ1; DSMA5; HSJ-1; HSPF3; dnaJ homolog subfamily B member 2; heat shock protein J1; dnaJ protein homolog 1; heat shock 40 kDa protein 3; heat shock protein, neuronal DNAJ-like 1;
<b>Entrez Gene ID</b>	<a href="#">3300</a>
<b>Protein Refseq</b>	<a href="#">NP_001034639</a>
<b>UniProt ID</b>	<a href="#">P25686</a>
<b>Chromosome Location</b>	2q32-q34
<b>Pathway</b>	Protein processing in endoplasmic reticulum;
<b>Function</b>	Hsp70 protein binding; chaperone binding; polyubiquitin binding; proteasome binding