

## DNAJB12 rabbit monoclonal antibody

Catalog # H00054788-K

Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human DNAJB12 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human DNAJB12 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human DNAJB12 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — DNAJB12

**Entrez GeneID** [54788](#)

**GeneBank Accession#** [DNAJB12](#)

**Gene Name** DNAJB12

**Gene Alias** DJ10, DKFZp586B2023

**Gene Description** DnaJ (Hsp40) homolog, subfamily B, member 12

**Omim ID** [608376](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** DNAJB12 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain (Ohtsuka and Hata, 2000 [PubMed 11147971]).[supplied by OMIM]

**Other Designations** -