

Product datasheet for **TA335297**

DNAJB12 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DNAJB12 antibody: synthetic peptide directed towards the middle region of human DNAJB12. Synthetic peptide located within the following region: ILILILVSALSQLMVSSPPYLSRPSVGHHRVTDHLGVVYYVGDTF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	DnaJ heat shock protein family (Hsp40) member B12
Database Link:	NP_001002762 Entrez Gene 54788 Human Q9NXW2



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Background:

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, Mar 2008]. Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Variants 1 and 2 both encode the same protein. ##Evidence-Data-START## Transcript exon combination :: BC064920.1, AK225051.1 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025087, ERS025093 [ECO:0000348] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.

Synonyms:

DJ10

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Bovine: 93%; Rabbit: 93%; Goat: 86%; Zebrafish: 86%

Protein Families:

Transmembrane

Product images:

WB Suggested Anti-DNAJB12 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive
Control: Human Spleen