



# DNJC3 Polyclonal Antibody

<b>Catalog No</b>	BYab-04987
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	DNAJC3 P58IPK PRKRI
<b>Protein Name</b>	DnaJ homolog subfamily C member 3 (Endoplasmic reticulum DnaJ protein 6) (ERdj6) (Interferon-induced, double-stranded RNA-activated protein kinase inhibitor) (Protein kinase inhibitor of 58 kDa) (Prot
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 80-160
<b>Specificity</b>	DNJC3 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	55kD
<b>Cell Pathway</b>	Endoplasmic reticulum .
<b>Tissue Specificity</b>	Widely expressed with high level in the pancreas and testis. Also expressed in cell lines with different levels.
<b>Function</b>	domain:The J domain mediates interaction with HSPA8.,function:Involved in the unfolded protein response (UPR) during ER stress. Co-chaperone of HSPA8/HSC70, it stimulates its ATPase activity. May inhibit both the autophosphorylation of EIF2AK2/PKR and the ability of EIF2AK2 to catalyze phosphorylation of the EIF2A. May inhibit EIF2AK3/PERK activity.,induction:Up-regulated during an endoplasmic reticulum stress via ATF6. Activated in response to infection by influenza virus through the dissociation of DNAJB1. Down-regulated by DNAJB1 and PRKRIR/P52RIPK.,similarity:Contains 1 J domain.,similarity:Contains 9 TPR repeats.,subunit:Interacts with EIF2AK3 (By similarity) and EIF2AK2. Forms a trimeric complex with DNAJB1 and HSPA8.

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Interacts with PRKRIR/P52RIPK.,tissue specificity:Widely expressed with high level in the pancreas and testis. Also expressed in cell lines with different levels.,

**Background**

This gene encodes a protein with multiple tetratricopeptide repeat (TPR) motifs as well as the highly conserved J domain found in DNAJ chaperone family members. It is a member of the tetratricopeptide repeat family of proteins and acts as an inhibitor of the interferon-induced, dsRNA-activated protein kinase (PKR). [provided by RefSeq, Jul 2010],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**