DNJC3 Polyclonal Antibody

Catalog No	YP-Ab-04987
Isotype	IgG
Reactivity	Human;Rat
Applications	WB;ELISA
Gene Name	DNAJC3 P58IPK PRKRI
Protein Name	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
Immunogen	Synthesized peptide derived from human protein . at AA range: 80-160
Specificity	DNJC3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	55kD
Cell Pathway	Endoplasmic reticulum .
Tissue Specificity	Widely expressed with high level in the pancreas and testis. Also expressed in cell lines with different levels.
Function	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. 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.

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