

DNJC3 Rabbit pAb

CatalogNo: YN0111

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB,ELISA

MW

- 55kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 80-160**Specificity** DNJC3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

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) (Protein kinase inhibitor p58)

Organism	Gene ID	UniProt ID
Human	5611 ;	Q13217 ;
Mouse		Q91YW3 ;
Rat		Q9R0T3 ;

Cellular Localization 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.,

Validation Data

Contact information

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