

DNAJA1 Rabbit pAb

CatalogNo: YN6076

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 44kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

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 DNAJA1

Specificity This antibody detects endogenous levels of DNAJA1 at Human, Mouse, Rat

Target Information

Gene name DNAJA1 DNAJ2 HDJ2 HSJ2 HSPF4

Protein Name	DnaJ homolog subfamily A member 1 (DnaJ protein homolog 2) (HSDJ) (Heat shock 40 kDa protein 4) (Heat shock protein J2) (HSJ-2) (Human DnaJ protein 2) (hDj-2)		
	Organism	Gene ID	UniProt ID
	Human	3301 ;	P31689 ;
	Mouse	15502 ;	P63037 ;
	Rat	65028 ;	P63036 ;
Cellular Localization	Membrane ; Lipid-anchor . Cytoplasm . Microsome . Nucleus . Cytoplasm, perinuclear region . Mitochondrion . Primarily associated with microsomes. A minor proportion is associated with mitochondria (By similarity). Primarily cytoplasmic. A minor proportion is associated with nuclei. .		
Tissue specificity	Ubiquitous. Isoform 2 is highly expressed in testis and lung, but detected at low levels in thymus, prostate, colon and liver.		
Function	Co-chaperone for HSPA8/Hsc70 . Stimulates ATP hydrolysis, but not the folding of unfolded proteins mediated by HSPA1A (in vitro) . Plays a role in protein transport into mitochondria via its role as co-chaperone. Functions as co-chaperone for HSPA1B and negatively regulates the translocation of BAX from the cytosol to mitochondria in response to cellular stress, thereby protecting cells against apoptosis . Promotes apoptosis in response to cellular stress mediated by exposure to anisomycin or UV .		

| Validation Data

| Contact information

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DNAJA1 Rabbit pAb

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