DNAJA2 Rabbit pAb

Catalog No.: A7059

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Basic Information

Observed MW
46kDa

Calculated MW
46kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IF/ICC

Cross-Reactivity
Human, Mouse, Rat

Background

The protein encoded by this gene 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. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	**Swiss Prot**
10294	O60884

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 233-412 of human DNAJA2 (NP_005871.1).

Synonyms
DJ3; CPR3; DJA2; DNAJ; DNJ3; RDJ2; HIRIP4; PRO3015; DNAJA2

Contact

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Product Information

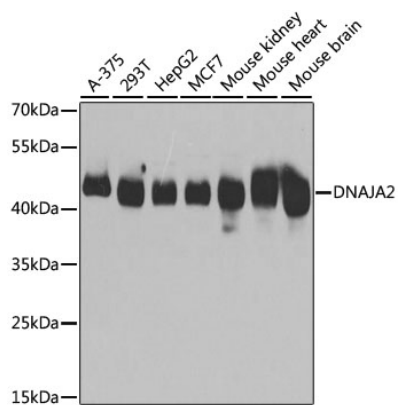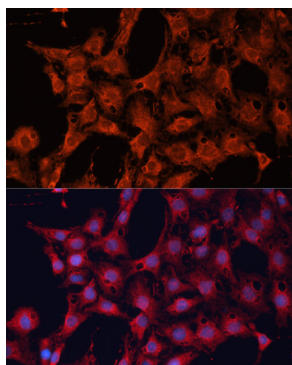| **Source**	**Isotype**	**Purification**
Rabbit	IgG	Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
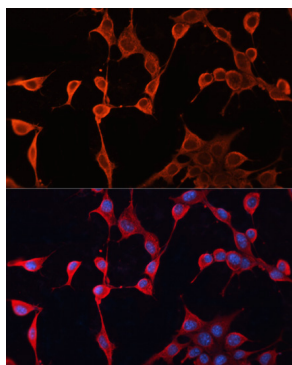Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of extracts of various cell lines, using DNAJA2 antibody (A7059) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.

Immunofluorescence analysis of C6 cells using DNAJA2 antibody (A7059) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of NIH/3T3 cells using DNAJA2 antibody (A7059) at dilution of 1:100. Blue: DAPI for nuclear staining.