

DNAJA2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17115a

Specification

DNAJA2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O60884
Other Accession	O35824 , O9QYJ0 , O2HJ94 , NP_005871.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	45746
Antigen Region	44-72

DNAJA2 Antibody (N-term) - Additional Information

Gene ID 10294

Other Names

Dnaj homolog subfamily A member 2, Cell cycle progression restoration gene 3 protein, Dnj3, Dj3, HIRA-interacting protein 4, Renal carcinoma antigen NY-REN-14, DNAJA2, CPR3, HIRIP4

Target/Specificity

This DNAJA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-72 amino acids from the N-terminal region of human DNAJA2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DNAJA2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DNAJA2 Antibody (N-term) - Protein Information

Name DNAJA2

Synonyms CPR3, HIRIP4

Function Co-chaperone of Hsc70. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:[24318877](#)).

Cellular Location

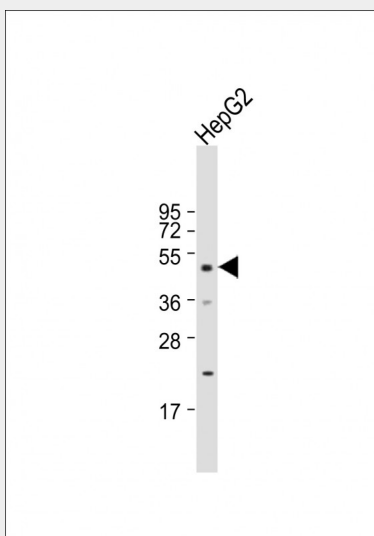
Membrane; Lipid-anchor

DNAJA2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DNAJA2 Antibody (N-term) - Images



Anti-DNAJA2 Antibody (N-term) at 1:1000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

DNAJA2 Antibody (N-term) - 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.

DNAJA2 Antibody (N-term) - References

Walker, V.E., et al. J. Biol. Chem. 285(5):3319-3329(2010)
Rosales-Hernandez, A., et al. Cell Stress Chaperones 14(1):71-82(2009)
Tzankov, S., et al. J. Biol. Chem. 283(40):27100-27109(2008)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)