

DNAJA2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17115a**Specification**

DNAJA2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O60884](#)**DNAJA2 Antibody (N-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DNAJA2 Antibody (N-term) Blocking Peptide - 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: <http://www.uniprot.org/citations/24318877> target="_blank">24318877).**Cellular Location**

Membrane; Lipid-anchor

DNAJA2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DNAJA2 Antibody (N-term) Blocking Peptide - Images

DNAJA2 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - 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)