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DNAJA1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5849c

Specification

DNAJA1 Antibody (Center) Blocking peptide - Product Information

Primary Accession	P31689
Other Accession	NP_001530.1

DNAJA1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 3301

Other Names
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, DNAJA1, DNAJ2, HDJ2, HSJ2, HSPF4

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.

DNAJA1 Antibody (Center) Blocking peptide - Protein Information

Name DNAJA1

Synonyms DNAJ2, HDJ2, HSJ2, HSPF4

Function
Co-chaperone for HSPA8/Hsc70 (PubMed:10816573). Stimulates ATP hydrolysis, but not the folding of unfolded proteins mediated by HSPA1A (in vitro) (PubMed:24318877). Plays a role in protein transport into mitochondria via its role as co-chaperone. Functions as a 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 (PubMed:14752510). Promotes apoptosis in response to cellular stress mediated by exposure to anisomycin or UV (PubMed:24512202).

Cellular Location
Membrane; Lipid- anchor. Cytoplasm. Microsome. Nucleus. Cytoplasm, perinuclear region. Mitochondrion Note=Primarily associated with microsomes. A minor proportion is associated with

mitochondria (By similarity). Primarily cytoplasmic. A minor proportion is associated with nuclei.

Tissue Location
Ubiquitous. Isoform 2 is highly expressed in testis and lung, but detected at low levels in thymus, prostate, colon and liver.

DNAJA1 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

DNAJA1 Antibody (Center) Blocking peptide - Images