

DNAJA1 Rabbit mAb
Catalog # AP78376**Specification****DNAJA1 Rabbit mAb - Product Information**

Application	WB
Primary Accession	P31689
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	44868

DNAJA1 Rabbit mAb - Additional Information

Gene ID 3301

Other Names

DNAJA1

Dilution

WB~~1/500-1/1000

Format

Liquid

DNAJA1 Rabbit mAb - 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 Rabbit mAb - 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](#)

DNAJA1 Rabbit mAb - Images

