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Datasheet for ABIN7150493

anti-DNAJA1 antibody (AA 8-106) (Biotin)

Overview

Quantity:	100 µg
Target:	DNAJA1
Binding Specificity:	AA 8-106
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJA1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human DnaJ homolog subfamily A member 1 protein (8-106AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DNAJA1
Alternative Name:	DNAJA1 (DNAJA1 Products)
Background:	Background: Co-chaperone for HSPA8/Hsc70 (PubMed:10816573). Stimulates ATP hydrolysis, but not the folding of unfolded proteins mediated by HSPA1A (in vitro) (PubMed:24318877).

Target Details

Plays a role in protein transport into mitochondria via its role as co-chaperone. Functions as 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).

Aliases: DJ 2 antibody, DJ2 antibody, DjA1 antibody, DnaJ (Hsp40) homolog, subfamily A, member 1 antibody, DnaJ homolog subfamily A member 1 antibody, DnaJ protein homolog 2 antibody, DNAJ2 antibody, Dnaja1 antibody, DNJA1_HUMAN antibody, hDJ 2 antibody, HDJ-2 antibody, HDJ2 antibody, Heat shock 40 kDa protein 4 antibody, heat shock protein DNAJ like 2 antibody, Heat shock protein J2 antibody, HSDJ antibody, HSJ-2 antibody, HSJ2 antibody, HSPF4 antibody, Human DnaJ protein 2 antibody, NEDD7 antibody, Neural precursor cell expressed developmentally down regulated 7 antibody, OTTHUMP00000021193 antibody

UniProt: [P31689](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.