

ARG43023 anti-DNAJA2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DNAJA2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DNAJA2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 233-412 of Human DNAJA2 (NP_005871.1).
Conjugation	Un-conjugated
Alternate Names	Dnj3; DJ3; Dj3; Cell cycle progression restoration gene 3 protein; DnaJ homolog subfamily A member 2; PRO3015; RDJ2; DJA2; HIRA-interacting protein 4; DNJ3; HIRIP4; DNAJ; CPR3; Renal carcinoma antigen NY-REN-14

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MCF7	

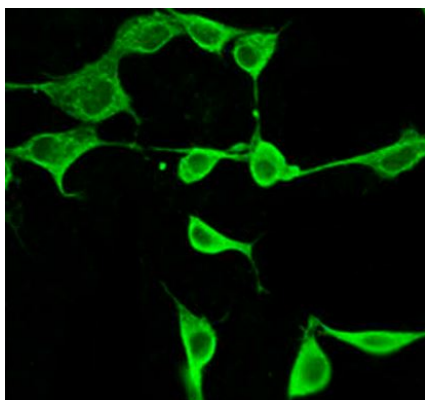
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

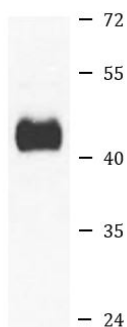
Gene Symbol	DNAJA2
Gene Full Name	DnaJ (Hsp40) homolog, subfamily A, member 2
Background	The protein encoded by this gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct 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. [provided by RefSeq, Jul 2008]
Function	Co-chaperone of Hsc70. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:24318877). [UniProt]
Calculated Mw	46 kDa
Cellular Localization	Membrane; Lipid-anchor. [UniProt]

Images



ARG43023 anti-DNAJA2 antibody ICC/IF image

Immunofluorescence: NIH/3T3 cells stained with ARG43023 anti-DNAJA2 antibody at 1:100 dilution.



MCF7

ARG43023 anti-DNAJA2 antibody WB image

Western blot: 25 µg of MCF7 cell lysate stained with ARG43023 anti-DNAJA2 antibody at 1:3000 dilution.