

DATASHEET

DNAJA2 Rabbit Polyclonal Antibody

CAT. NO. APA13042

KEY FEATURES

Target	DNAJA2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Co-chaperone of Hsc70. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to DNAJA2
Specificity	Recognizes endogenous levels of DNAJA2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human DNAJA2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 45 kD; Observed: 46 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CPR3; HIRIP4; 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
Gene Symbol	DNAJA2
Entrez Gene	10294(Human); 56445(Mouse)
SwissProt	O60884(Human); Q9QYJ0(Mouse); O35824(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

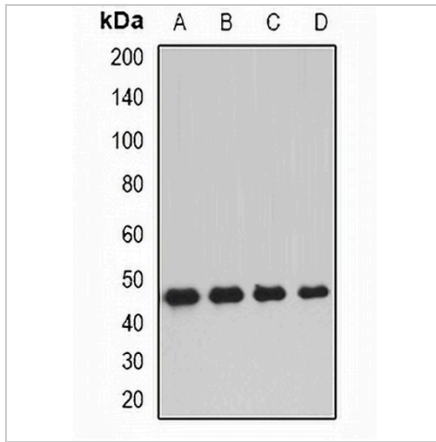
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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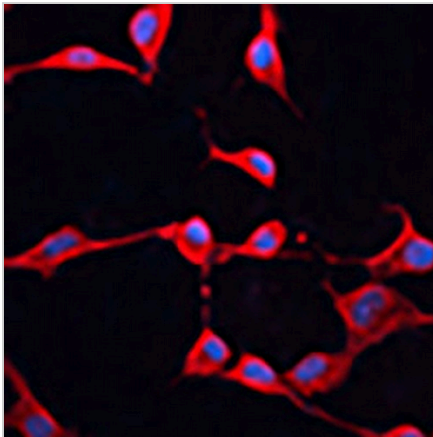
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Western blot analysis of DNAJA2 expression in HepG2 (A), MCF7 (B), mouse kidney (C), mouse brain (D) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 46 kD)



Immunofluorescent analysis of DNAJA2 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.