

DATASHEET

DNAJC19 Rabbit Polyclonal Antibody

CAT. NO. APA14429

KEY FEATURES

Target	DNAJC19	Source / Host	Rabbit
Reactivity	Human, Mouse	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

Mitochondrial co-chaperone which forms a complex with prohibitins to regulate cardiolipin remodeling . May be a component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. May act as a co-chaperone that stimulate the ATP-dependent activity .

APPLICATION

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

WB	1:500 - 1:1000
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 DNAJC19
Specificity	Recognizes endogenous levels of DNAJC19 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human DNAJC19
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 10; Observed: 12 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	TIM14; TIMM14; Mitochondrial import inner membrane translocase subunit TIM14; Dnaj homolog subfamily C member 19
Gene Symbol	DNAJC19
Entrez Gene	131118(Human); 100503724; 67713(Mouse)
SwissProt	Q96DA6(Human); Q9CQV7(Mouse)

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

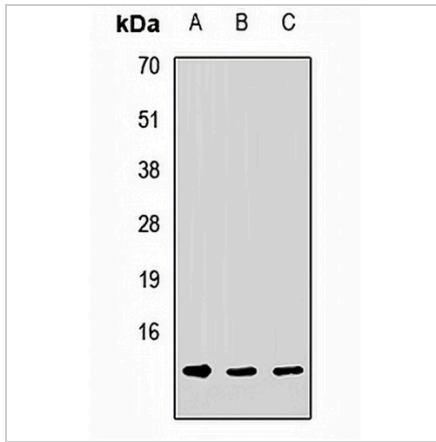
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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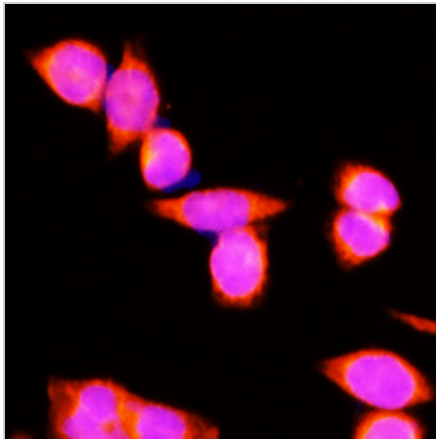
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DATA



Western blot analysis of DNAJC19 expression in A549 (A), HeLa (B), mouse kidney (C) whole cell lysates. (Predicted band size: 10; 12 kD; Observed band size: 12 kD)



Immunofluorescent analysis of DNAJC19 staining in HeLa 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.