

**DATASHEET**

**DNAJB11 Rabbit Polyclonal Antibody**

CAT. NO. APA08118

**KEY FEATURES**

Target	DNAJB11	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	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**

As a co-chaperone for HSPA5 it is required for proper folding, trafficking or degradation of proteins . Binds directly to both unfolded proteins that are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed . May help recruiting HSPA5 and other chaperones to the substrate. Stimulates HSPA5 ATPase activity . It is necessary for maturation and correct trafficking of PKD1 .

**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
IHC	1:50 - 1:100

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

**PRODUCT OVERVIEW**

Description	Rabbit polyclonal antibody to DNAJB11
Specificity	Recognizes endogenous levels of DNAJB11 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DNAJB11. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 40 kD; Observed: 40 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	EDJ; ERJ3; HDJ9; Dnaj homolog subfamily B member 11; APOBEC1-binding protein 2; ABBP-2; Dnaj protein homolog 9; ER-associated DNAJ; ER-associated Hsp40 co-chaperone; Endoplasmic reticulum DNA J domain-containing protein 3; ER-resident protein ERdj3; ERdj3; ERj3p; HEDJ; Human Dnaj protein 9; hDj-9; PWP1-interacting protein 4
Gene Symbol	DNAJB11
Entrez Gene	51726(Human); 67838(Mouse); 360734(Rat)
SwissProt	Q9UBS4(Human); Q99KV1(Mouse); Q6TUG0(Rat)

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

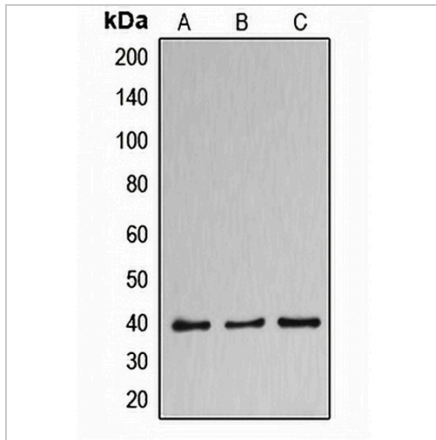
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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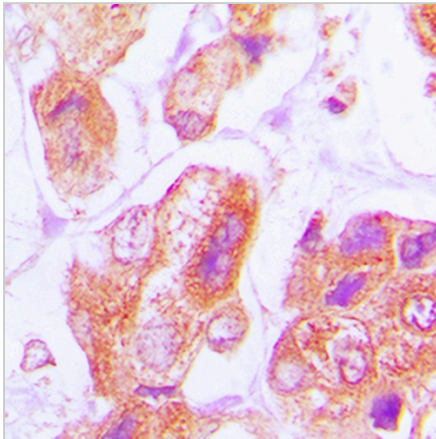
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**DATA**



Western blot analysis of DNAJB11 expression in HuvEc (A), NCIH460 (B), MCF7 (C) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 40 kD)



Immunohistochemical analysis of DNAJB11 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**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.