

**DATASHEET**

**EIF4A3 Rabbit Polyclonal Antibody**

CAT. NO. APA14368

**KEY FEATURES**

Target	EIF4A3	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	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**

ATP-dependent RNA helicase . Involved in pre-mRNA splicing as component of the spliceosome . Core component of the splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junctions on mRNAs . The EJC is a dynamic structure consisting of core proteins and several peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism.

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

**PRODUCT OVERVIEW**

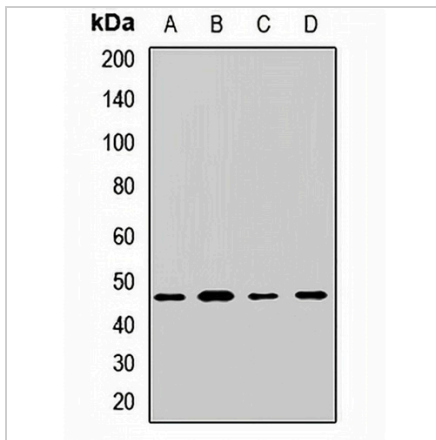
Description	Rabbit polyclonal antibody to EIF4A3
Specificity	Recognizes endogenous levels of EIF4A3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human EIF4A3
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 46 kD; Observed: 47 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	DDX48; KIAA0111; Eukaryotic initiation factor 4A-III; eIF-4A-III; eIF4A-III; ATP-dependent RNA helicase DDX48; ATP-dependent RNA helicase eIF4A-3; DEAD box protein 48; Eukaryotic initiation factor 4A-like NUK-34; Eukaryotic translation initiation factor 4A isoform 3; Nuclear matrix protein 265; NMP 265; hNMP 265
Gene Symbol	EIF4A3
Entrez Gene	9775(Human); 192170(Mouse); 688288(Rat)
SwissProt	P38919(Human); Q91VC3(Mouse); Q3B8Q2(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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**DATA**

Western blot analysis of EIF4A3 expression in Jurkat (A), NIH3T3 (B), mouse spleen (C), rat kidney (D) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 47 kD)

**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.