

DATASHEET

eIF2C1 Rabbit Polyclonal Antibody

CAT. NO. APA14511

KEY FEATURES

Target	eIF2C1	Source / Host	Rabbit
Reactivity	Human, Mouse	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

Required for RNA-mediated gene silencing (RNAi). Binds to short RNAs such as microRNAs (miRNAs) or short interfering RNAs (siRNAs), and represses the translation of mRNAs which are complementary to them. Lacks endonuclease activity and does not appear to cleave target mRNAs. Also required for transcriptional gene silencing (TGS) of promoter regions which are complementary to bound short antigene RNAs (agRNAs).

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

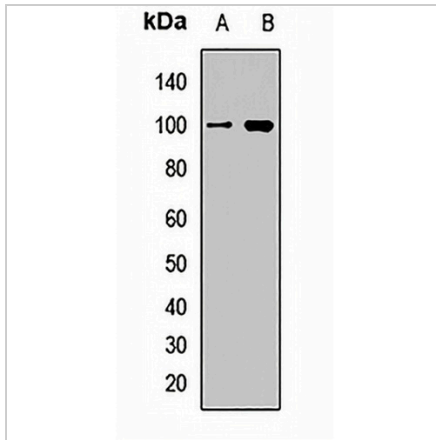
Description	Rabbit polyclonal antibody to eIF2C1
Specificity	Recognizes endogenous levels of eIF2C1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human eIF2C1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 97 kD; Observed: 97 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	EIF2C1; Protein argonaute-1; Argonaute1; hAgo1; Argonaute RISC catalytic component 1; Eukaryotic translation initiation factor 2C 1; eIF-2C 1; eIF2C 1; Putative RNA-binding protein Q99
Gene Symbol	AGO1
Entrez Gene	26523(Human); 236511(Mouse)
SwissProt	Q9UL18(Human); Q8CJG1(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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DATA

Western blot analysis of eIF2C1 expression in K562 (A), mouse brain (B) whole cell lysates.
(Predicted band size: 97 kD; Observed band size: 97 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.