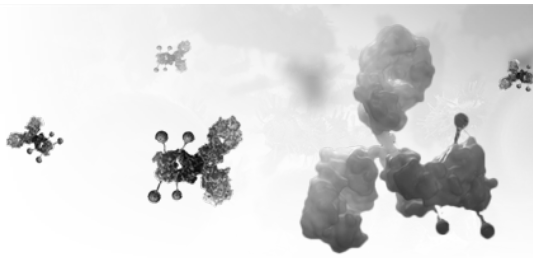

Rabbit Anti-EIF2C3 monoclonal antibody, clone KK312-18 (CABT-L824)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	EIF2C3/ Argonaute 3
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KK312-18
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	97 kDa
Cellular Localization	Cytoplasm,Nucleus.
Positive Control	N2A, SHG-44, F9, NCCIT, rat testis tissue, rat spinal cord tissue, mouse brain tissue, rat brain tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

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Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Eukaryotic translation initiation factor 2C (eIF2C) proteins (argonaute family) influence RNA interference (RNAi) as components of the RNA-inducible silencing complex (RISC) or microRNA (miRNA)-containing ribonucleoprotein particle (miRNP). Small RNAs, including small interfering RNAs (siRNAs) and miRNAs, can silence target genes through mechanisms that utilize RISC or miRNP particles. eIF2C1 (argonaute 1, AGO1, eIF2C, GERP95, Q99) and Dicer1 play a coordinated role in siRNA-mediated gene silencing. eIF2C2 (Slicer, argonaute 2, AGO2, Q10) is a RISC component that can concentrate in cytoplasmic processing bodies (P-bodies) and catalyze mRNA cleavage. Mammalian P-bodies contain mRNAs and have an association with miRNA-induced translational silencing and siRNA-induced mRNA degradation. Additional eIF2C proteins include eIF2C3 (argonaute 3, AGO3), eIF2C4 (argonaute 4, AGO4) and meIF2c5 (mouse argonaute 5).
Keywords	5730550L01Rik;Ago 3;Ago3;AGO3_HUMAN;argonaute 3;Argonaute3;eIF 2C 3;eIF-2C 3;eIF2C 3;Eif2c3;EIF2C3 protein;Eukaryotic translation initiation factor 2C 3;Eukaryotic translation initiation factor 2C3;FLJ12765;hAgo3;MGC86946;Protein argonaute-3 antibody

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