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# anti-EIF2C3 antibody (AA 251-400) (FITC)



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Quantity:	100 μL
Target:	EIF2C3
Binding Specificity:	AA 251-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2C3 antibody is conjugated to FITC
Application:	Please inquire

### **Product Details**

Immunogen:	Recombinant Human Protein argonaute-3 protein (251-400aa)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

## Target Details

Target:	EIF2C3
Alternative Name:	AGO3 (EIF2C3 Products)
Background:	Background: Required for RNA-mediated gene silencing (RNAi). Binds to short RNAs such as
	microRNAs (miRNAs) and represses the translation of mRNAs which are complementary to

them. Lacks endonuclease activity and does not appear to cleave target mRNAs. Proposed to be involved in stabilization of small RNA derivates (riRNA) derived from processed RNA polymerase III-transcribed Alu repeats containing a DR2 retinoic acid response element (RARE) in stem cells and in the subsequent riRNA-dependent degradation of a subset of RNA polymerase II-transcribed coding mRNAs by recruiting a mRNA decapping complex involving EDC4.

Aliases: Protein argonaute-3 (Argonaute3) (hAgo3) (Argonaute RISC catalytic component 3) (Eukaryotic translation initiation factor 2C 3) (eIF-2C 3) (eIF2C 3), AGO3, EIF2C3

UniProt: Q9H9G7

Pathways: Fc-epsilon Receptor Signaling Pathway, Regulatory RNA Pathways, EGFR Signaling Pathway,

Neurotrophin Signaling Pathway

#### **Application Details**

Restrictions: For Research Use only

#### Handling

Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	