

[Go to Product page](#)

Datasheet for ABIN7127326

**Recombinant anti-EIF2C3 antibody**

## Overview

Quantity:	100 µL
Target:	EIF2C3
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This EIF2C3 antibody is un-conjugated
Application:	ELISA

## Product Details

Immunogen:	A synthesized peptide derived from human AGO3
Clone:	4F7
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

## Target Details

Target:	EIF2C3
Alternative Name:	AGO3 ( <a href="#">EIF2C3 Products</a> )
Background:	Background: Required for RNA-mediated gene silencing (RNAi). Binds to short RNAs such as

## Target Details

microRNAs (miRNAs) and represses the translation of mRNAs which are complementary to them. Proposed to be involved in stabilization of small RNA derivatives (siRNA) derived from processed RNA polymerase III-transcribed Alu repeats containing a DR2 retinoic acid response element (RARE) in stem cells and in the subsequent siRNA-dependent degradation of a subset of RNA polymerase II-transcribed coding mRNAs by recruiting a mRNA decapping complex involving EDC4. Possesses RNA slicer activity but only on select RNAs bearing 5'- and 3'-flanking sequences to the region of guide-target complementarity (PubMed:29040713).  
Aliases: Protein argonaute-3UniRule annotation, Argonaute RISC catalytic component 3, Eukaryotic translation initiation factor 2C 3UniRule annotation, AGO3, EIF2C3

UniProt: [Q9H9G7](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Regulatory RNA Pathways](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: 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.