

Anti-EIF2C3 AGO3 Rabbit Monoclonal Antibody
Catalog # ABO13846**Specification**

Anti-EIF2C3 AGO3 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	Q9H9G7
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-EIF2C3 AGO3 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-EIF2C3 AGO3 Rabbit Monoclonal Antibody - Additional Information

Gene ID 192669

Other Names

Protein argonaute-3 {ECO:0000255|HAMAP-Rule:MF_03032}, Argonaute3 {ECO:0000255|HAMAP-Rule:MF_03032}, hAgo3, 3.1.26.n2, Argonaute RISC catalytic component 3, Eukaryotic translation initiation factor 2C 3 {ECO:0000255|HAMAP-Rule:MF_03032}, eIF-2C 3 {ECO:0000255|HAMAP-Rule:MF_03032}, eIF2C 3 {ECO:0000255|HAMAP-Rule:MF_03032}, AGO3, EIF2C3

Calculated MW

97360 MW KDa

Application Details

WB 1:1000-1:2000

Subcellular Localization

Cytoplasm, P-body.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human EIF2C3

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated

freeze-thaw cycles.

Anti-EIF2C3 AGO3 Rabbit Monoclonal Antibody - Protein Information

Name AGO3

Synonyms EIF2C3

Function

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. 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: <http://www.uniprot.org/citations/29040713> target="_blank">29040713).

Cellular Location

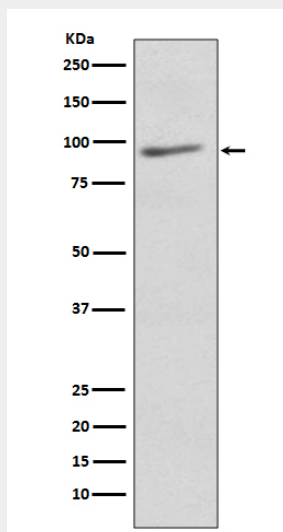
Cytoplasm, P-body {ECO:0000255|HAMAP- Rule:MF_03032, ECO:0000269|PubMed:16081698}

Anti-EIF2C3 AGO3 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-EIF2C3 AGO3 Rabbit Monoclonal Antibody - Images



Western blot analysis of EIF2C3 expression in Human brain lysate.