

EIF2C4 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14326**Specification**

EIF2C4 antibody - middle region - Product Information

Application	WB
Primary Accession	O9HCK5
Other Accession	NM_017629 , NP_060099
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	95kDa KDa

EIF2C4 antibody - middle region - Additional Information**Gene ID** 192670**Alias Symbol** AGO4, EIF2C4**Other Names**

Protein argonaute-4 {ECO:0000255|HAMAP-Rule:MF_03033}, Argonaute4 {ECO:0000255|HAMAP-Rule:MF_03033}, hAgo4, Argonaute RISC catalytic component 4, Eukaryotic translation initiation factor 2C 4 {ECO:0000255|HAMAP-Rule:MF_03033}, eIF-2C 4 {ECO:0000255|HAMAP-Rule:MF_03033}, eIF2C 4 {ECO:0000255|HAMAP-Rule:MF_03033}, AGO4, EIF2C4, KIAA1567

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-EIF2C4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

EIF2C4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

EIF2C4 antibody - middle region - Protein Information**Name** AGO4**Synonyms** EIF2C4, KIAA1567**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. Lacks endonuclease activity and does not appear to cleave target mRNAs. Also required for RNA-directed transcription and replication of the human hepatitis delta virus (HDV).

Cellular Location

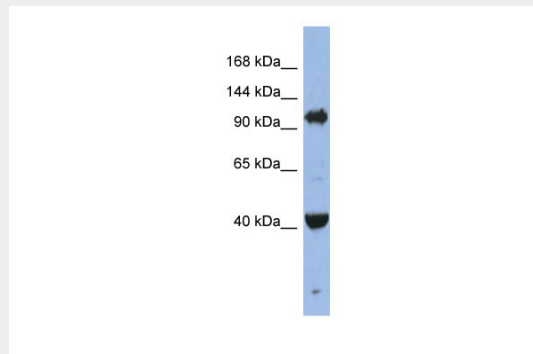
Cytoplasm, P-body {ECO:0000255|HAMAP- Rule:MF_03033, ECO:0000269|PubMed:16081698, ECO:0000269|PubMed:19167051}

EIF2C4 antibody - middle region - 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](#)

EIF2C4 antibody - middle region - Images



WB Suggested Anti-EIF2C4 Antibody Titration: 0.2-1 μ g/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate

EIF2C4 antibody - middle region - References

Nagase T., et al. DNA Res. 7:273-281(2000).
Gregory S.G., et al. Nature 441:315-321(2006).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Meister G., et al. Mol. Cell 15:185-197(2004).
Pillai R.S., et al. RNA 10:1518-1525(2004).