

AGO1 / EIF2C Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS14565**Specification**

AGO1 / EIF2C Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O9UL18
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Chicken, Horse, Xenopus, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	97kDa KDa

AGO1 / EIF2C Antibody (Internal) - Additional Information**Gene ID** 26523**Other Names**

Protein argonaute-1, Argonaute1, hAgo1, Argonaute RISC catalytic component 1, Eukaryotic translation initiation factor 2C 1, eIF-2C 1, eIF2C 1, Putative RNA-binding protein Q99, AGO1, EIF2C1

Target/Specificity

Human EIF2C1 / AGO1. This product is not expected to cross-react with EIF2C2, EIF2C3 and EIF2C4.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

AGO1 / EIF2C Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

AGO1 / EIF2C Antibody (Internal) - Protein Information**Name** AGO1**Synonyms** EIF2C1**Function**

Required for RNA-mediated gene silencing (RNAi). Binds to short RNAs such as microRNAs (miRNAs) or short interfering RNAs (siRNAs), 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 transcriptional gene silencing (TGS) of promoter regions which are complementary to bound short antigenic RNAs (agRNAs).

Cellular Location

Cytoplasm, P-body

Volume

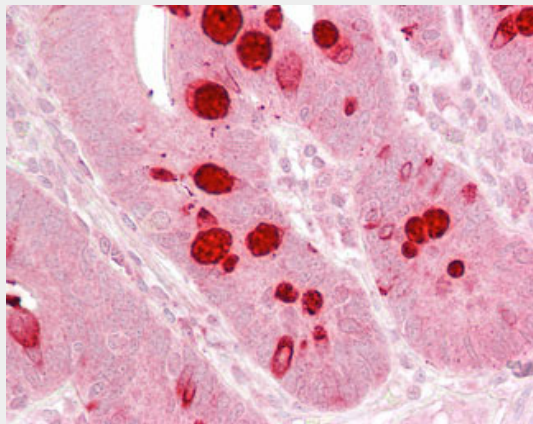
100 μ l

AGO1 / EIF2C Antibody (Internal) - 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](#)

AGO1 / EIF2C Antibody (Internal) - Images



Anti-EIF2C1 / AGO1 antibody IHC of human small intestine.

AGO1 / EIF2C Antibody (Internal) - Background

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AGO1 / EIF2C Antibody (Internal) - References

- Koesters R., et al. *Genomics* 61:210-218(1999).
Gregory S.G., et al. *Nature* 441:315-321(2006).
Meister G., et al. *Mol. Cell* 15:185-197(2004).
Meister G., et al. *Curr. Biol.* 15:2149-2155(2005).
Janowski B.A., et al. *Nat. Struct. Mol. Biol.* 13:787-792(2006).