

**Argonaute 4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54875**

**Specification**

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**Argonaute 4 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">O9HCK5</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97097

**Argonaute 4 Polyclonal Antibody - Additional Information**

**Gene ID** 192670

**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**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Argonaute 4 Polyclonal Antibody - 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}

## **Argonaute 4 Polyclonal 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](#)

## **Argonaute 4 Polyclonal Antibody - Images**