




Anti-Ago1 antibody ab129304

[1 References](#) [2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-Ago1 antibody |
| Description | Goat polyclonal to Ago1 |
| Host species | Goat |
| Specificity | ab129304 is not expected to cross-react with EIF2C2, EIF2C3 and EIF2C4 |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | <p>Reacts with: Human</p> <p>Predicted to work with: Mouse, Rat, Rabbit, Horse, Chicken, Hamster, Cow, Dog, Turkey, Pig, Xenopus laevis, Pufferfish, Monkey, Zebrafish, Gorilla, Opossum, Common marmoset, Bat, Platypus, Elephant </p> |
| Immunogen | <p>Synthetic peptide:</p> <p>C-KNASYNLDPYQEF</p> <p>corresponding to internal sequence amino acids 382-395 of Human Ago1 (NP_036331.1).</p> <p> Run BLAST with  Run BLAST with</p> |
| Positive control | Human Small Intestine and Placenta tissues |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | <p>pH: 7.30</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 99% Tris buffered saline, 0.05% BSA</p> |
| Purity | Immunogen affinity purified |

| | |
|------------------|------------|
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab129304 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| IHC-P | | Use a concentration of 2.5 - 3.75 µg/ml. |

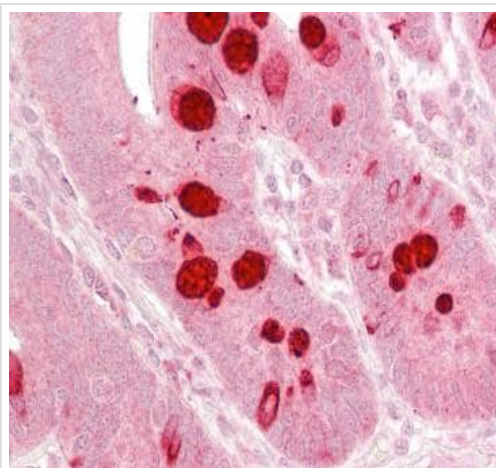
Target

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).

Sequence similarities Belongs to the argonaute family. Ago subfamily.
Contains 1 PAZ domain.
Contains 1 Piwi domain.

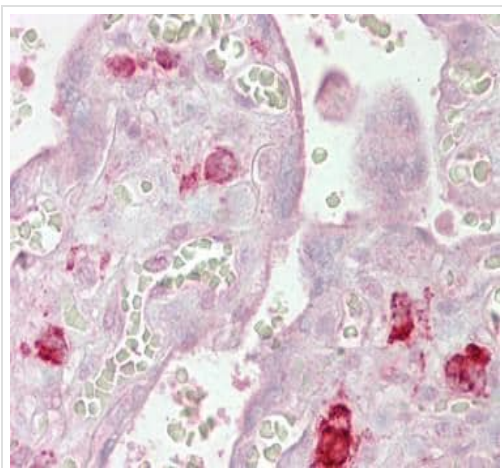
Cellular localization Cytoplasm > P-body.

Images



ab129304, at 2.5 µg/ml, staining Ago1 in formalin-fixed, paraffin-embedded Human small intestine tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ago1 antibody (ab129304)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ago1 antibody (ab129304)

ab129304, at 2.5 µg/ml, staining Ago1 in formalin-fixed, paraffin-embedded Human placenta tissue by Immunohistochemistry.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors