

## Rabbit EIF2C1 Polyclonal Antibody | anti-AGO1 antibody

EIF2C1 antibody - N-terminal region

|                               |                       |                                                                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA200438</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------|-------------------------------------|

### PRODUCT SYNONYMS

EIF2C1; Polyclonal Antibody; EIF2C1 antibody - N-terminal region; anti-AGO1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: ME AGPSGAAAGA YLPPLQQVFQ APRRPGIGTV GKPIKLLANY FEVDIPKI                                                  |
| Sequence Length                                | 857                                                                                                                                                   |
| Applicable Applications for anti-AGO1 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%                                |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human EIF2C1                                                           |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



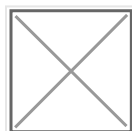
#### WB (Western Blot)

WB Suggested Anti-EIF2C1 Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:62500  
Positive Control: THP-1 cell lysate



#### WB (Western Blot)

Host: Rabbit  
Target Name: EIF2C1  
Sample Type: Jurkat  
Antibody Dilution: 1.0ug/ml  
AGO1 is supported by BioGPS gene expression data to be expressed in Jurkat



#### WB (Western Blot)

Host: Rabbit  
Target Name: EIF2C1  
Sample Tissue: Human A172 Whole Cell  
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AGO1 antibody | <p>This is a rabbit polyclonal antibody against EIF2C1. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-me</p> |
| Product Categories/Family for anti-AGO1 antibody   | <a href="#">Polyclonal</a> ; <a href="#">Various</a> ; <a href="#">Transcription Factors</a>                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 6912352                                      |
| NCBI GeneID                      | 26523                                        |
| NCBI Accession #                 | <a href="#">NP_036331</a>                    |
| NCBI GenBank Nucleotide #        | <a href="#">NM_012199</a>                    |
| UniProt Accession #              | <a href="#">Q9UL18</a>                       |
| Molecular Weight                 | 97kDa                                        |
| NCBI Official Full Name          | protein argonaute-1 isoform 1                |
| NCBI Official Synonym Full Names | argonaute RISC component 1                   |
| NCBI Official Symbol             | AGO1                                         |
| NCBI Official Synonym Symbols    | Q99; EIF2C; hAgo1; EIF2C1; GERP95            |
| NCBI Protein Information         | protein argonaute-1                          |
| UniProt Protein Name             | Protein argonaute-1                          |
| UniProt Gene Name                | <b>AGO1</b>                                  |
| UniProt Synonym Gene Names       | EIF2C1; Argonaute1; hAgo1; eIF-2C 1; eIF2C 1 |
| UniProt Entry Name               | AGO1_HUMAN                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif2c1-antibody-western-blot-elisa/200438>