

Datasheet for ABIN390473  
**anti-AGO1 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	AGO1 (EIF2C1)
Binding Specificity:	AA 27-56, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This AGO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-56 amino acids from the N-terminal region of human AGO1.
Clone:	RB18965
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	AGO1 (EIF2C1)
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## Target Details

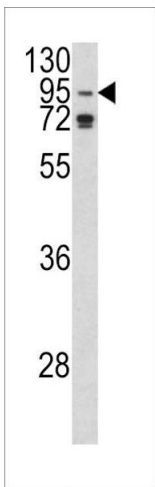
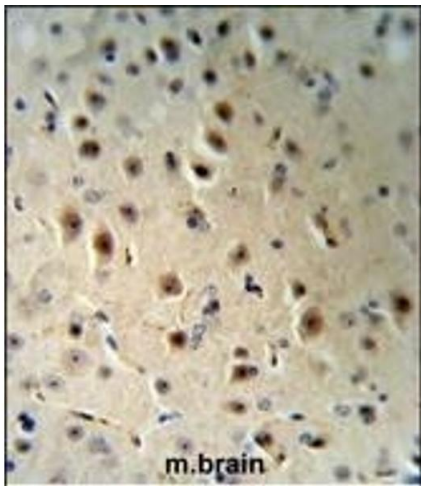
Alternative Name:	AGO1 ( <a href="#">EIF2C1 Products</a> )
Background:	AGO1 is a member of the Argonaute family of proteins which play a role in RNA interference. The protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing.
Molecular Weight:	97214
Gene ID:	26523
NCBI Accession:	<a href="#">NP_036331</a>
UniProt:	<a href="#">Q9UL18</a>
Pathways:	<a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Regulatory RNA Pathways</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Hormone Transport</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** AGO1 Antibody (N-term) (R) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AGO1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

### Western Blotting

**Image 2.** Western blot analysis of AGO1 Antibody (N-term) (ABIN390473 and ABIN2840839) in K562 cell line lysates (35 µg/lane). AGO1 (arrow) was detected using the purified Pab.