

Datasheet for ABIN2785928  
**anti-AGO1 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	AGO1 (EIF2C1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGO1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EIF2C1
Sequence:	MEAGPSGAAA GAYLPPLQQV FQAPRRPGIG TVGKPIKLLA NYFEVDIPKI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against EIF2C1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	AGO1 (EIF2C1)
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## Target Details

Alternative Name:	EIF2C1 ( <a href="#">EIF2C1 Products</a> )
Background:	<p>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> <p>Alias Symbols: AGO1, DKFZp686M13167, EIF2C, GERP95, Q99, EIF2C1</p> <p>Protein Interaction Partner: FKBP5, UBC, AGO3, GPRASP2, C2orf44, DCAF10, TNRC6C, DNAJB11, TNRC6A, AGO2, DICER1, PASK, TNRC6B, TCF25, PPP6R1, STUB1, AIP, TP53, BMI1, POLR2A, KHDRBS1, TARBP2, RELA, HSP90AA1, CNOT7, PABPC1, CRK, MEX3D, LRRK2, MEX3B, CAND1, COPS5, CUL3, PRNP, IPO8, TP63,</p> <p>Protein Size: 857</p>
Molecular Weight:	97 kDa
Gene ID:	26523
NCBI Accession:	<a href="#">NM_012199</a> , <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:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 857 AA
Restrictions:	For Research Use only

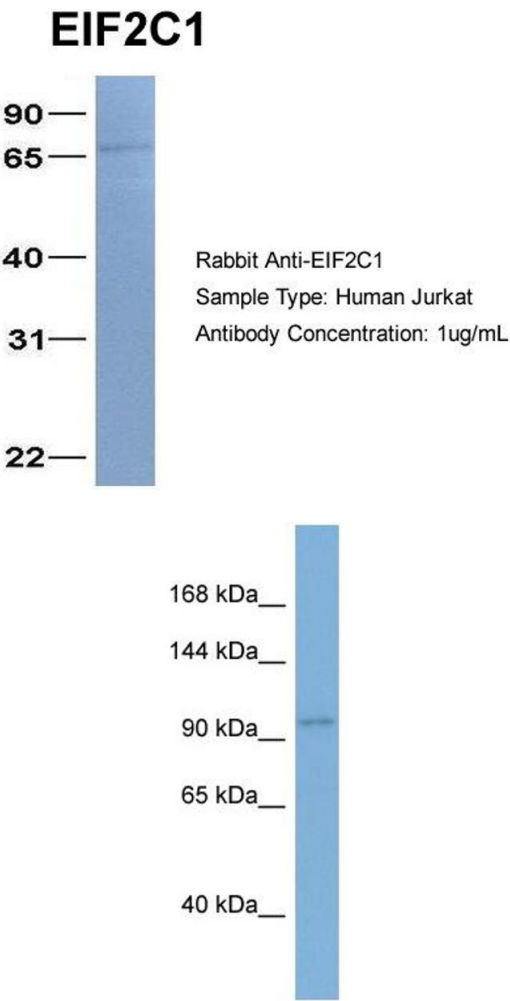
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** 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

Western Blotting

**Image 2.** WB Suggested Anti-EIF2C1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell lysate