



Rabbit Anti-Human Argonaute 1 monoclonal antibody, clone 7I2M5 (CABT-L1181)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	AGO1
Immunogen	Peptides corresponding to human AGO1 (1) aa17-aa35; 2) aa382-aa401)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	7I2M5
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	KnockDown (KD), WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction 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. AGO1 binds to miRNAs or siRNAs and represses the translation of mRNAs.

Keywords AGO1;argonaute RISC catalytic component 1;Q99;EIF2C;EIF2C1;GERP95;protein argonaute-1;hAgo1;elf2C 1;elf-2C 1;argonaute1;argonaute 1;putative RNA-binding protein Q99;Golgi Endoplasmic Reticulum protein 95 kDa;eukaryotic translation initiation factor 2C, 1

GENE INFORMATION

Entrez Gene ID [26523](#)

UniProt ID [Q9UL18](#)
