

AGO1 Rabbit pAb

Catalog No.: A14116

Basic Information

Observed MW

Refer to figures

Calculated MW

97kDa

Category

Primary antibody

Applications

WB, IP

Cross-Reactivity

Human, Mouse

Background

This gene encodes a member of the argonaute family of proteins, which associate with small RNAs and have important roles in RNA interference (RNAi) and RNA silencing. This protein binds to microRNAs (miRNAs) or small interfering RNAs (siRNAs) and represses translation of mRNAs that are complementary to them. It is also involved in transcriptional gene silencing (TGS) of promoter regions that are complementary to bound short antigenic RNAs (agRNAs), as well as in the degradation of miRNA-bound mRNA targets. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. A recent study showed this gene to be an authentic stop codon readthrough target, and that its mRNA could give rise to an additional C-terminally extended isoform by use of an alternative in-frame translation termination codon.

Recommended Dilutions

WB	1:500 - 1:2000
IP	1:20 - 1:50

Immunogen Information

Gene ID	Swiss Prot
26523	Q9UL18


Immunogen

A synthetic peptide of human AGO1

Synonyms

Q99; EIF2C; hAgo1; EIF2C1; GERP95; NEDLBAS; AGO1

Contact

 | www.abclonal.com

Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.