

AGO1 Rabbit Polyclonal Antibody

Catalog No: #54964

Package Size: #54964-1 50ul #54964-2 100ul

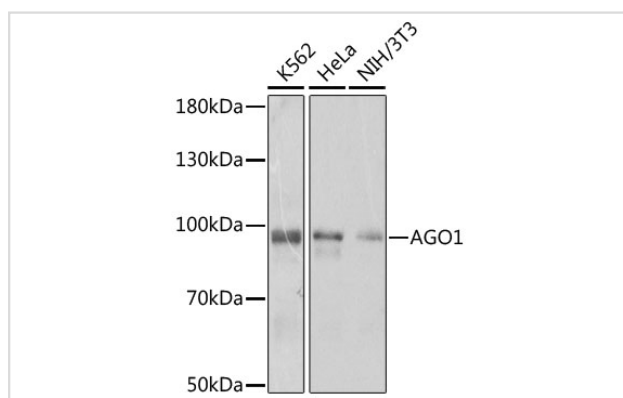
Description

Product Name	AGO1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human AGO1 (NP_036331.1).
Conjugates	Unconjugated
Other Names	AGO1;EIF2C;EIF2C1;GERP95;Q99;hAgo1
Accession No.	Uniprot:Q9UL18GeneID:26523
Calculated MW	97kDa
SDS-PAGE MW	97kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:1000

Images



Western blot analysis of extracts of various cell lines, using AGO1 antibody.

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 antisen RNA (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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.