

Product Name: Argonaute 2 Rabbit Monoclonal Antibody
Catalog #: AMRe01673

Summary

Production Name	Argonaute 2 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	AGO2
Alternative Names	Ago 2; Argonaute 2; dAgo2; eIF2C 2; hAgo2; PPD
Gene ID	27161
SwissProt ID	Q9UKV8

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 97 kDa; Observed MW: 97 kDa

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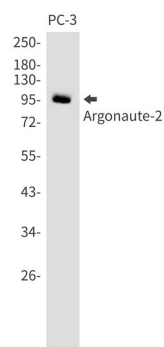
Background

Required for RNA-mediated gene silencing (RNAi) by the RNA-induced silencing complex (RISC). Can also upregulate the translation of specific mRNAs under certain growth conditions. Binds to the AU element of the 3'-UTR of the TNF (TNF-alpha) mRNA and upregulates translation under conditions of serum starvation. Also required for transcriptional gene silencing (TGS), in which short RNAs known as antigenic RNAs or agRNAs direct the transcriptional repression of complementary promoter regions.

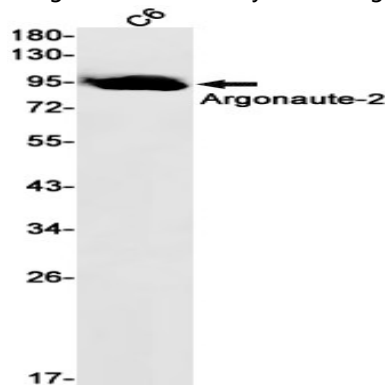
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Argonaute2 in PC-3 lysates using Argonaute 2 antibody.



Western blot analysis of Argonaute2 in C6 lysates using Argonaute2 antibody.

Note

For research use only.