

Argonaute-2 Polyclonal Antibody

Catalog No. E-AB-62422

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein of human Argonaute-2 (NP_036286.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

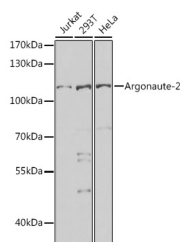
Applications Recommended Dilution

WB 1:500-1:2000 IHC

1:50-1:100 IF

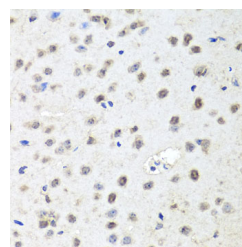
1:50-1:100

Data

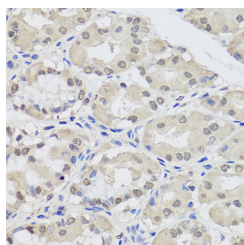


Western blot analysis of extracts of various cell lines using Argonaute-2 Polyclonal Antibody at dilution of 1:1000.

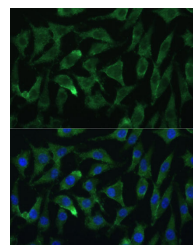
Observed Mw:110kDa
Calculated Mw:93kDa/97kDa



Immunohistochemistry of paraffin-embedded Mouse brain using Argonaute-2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using Argonaute-2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using Argonaute-2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

For Research Use Only

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

Background

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-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene.

For Research Use Only