

Argonaute-2 Rabbit pAb

Catalog No.: A6802

6 Publications

Basic Information

Observed MW

110kDa

Calculated MW

97kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

Immunogen Information

Gene ID

27161

Swiss Prot

Q9UKV8

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 47-115 of human Argonaute-2 (NP_036286.2).

Synonyms

PPD; Q10; CASC7; EIF2C2; LESKRES; LINC00980; Argonaute-2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

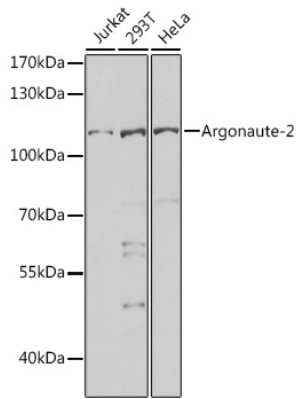
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of extracts of various cell lines, using Argonaute-2 antibody (A6802) at 1:1000 dilution.

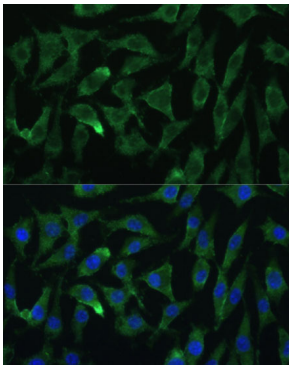
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.



Immunofluorescence analysis of L929 cells using Argonaute-2 Polyclonal Antibody (A6802) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.