A6023

Leader in Biomolecular Solutions for Life Science

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# Argonaute-2 Rabbit pAb

**Catalog No.: A6023** 2 Publications

## Basic Information

**Observed MW**
97kDa

**Calculated MW**
97kDa

**Category**
Polyclonal Antibody

**Applications**
WB,IHC-P,ELISA

**Cross-Reactivity**
Human,Mouse,Rat

## 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 - 1:1000 |
| **IHC-P** | 1:50 - 1:200 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
27161

**Swiss Prot**
Q9UKV8

**Immunogen**
Synthetic peptide. This information is considered to be commercially sensitive.

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

## Contact

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## Product Information

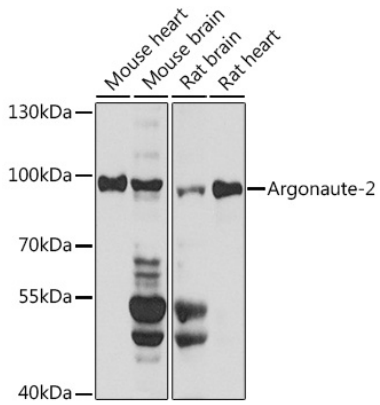
**Source**
Rabbit

**Isotype**
IgG

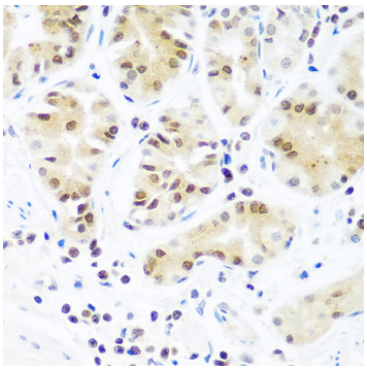
**Purification**
Affinity purification

**Storage**
Store at -20℃

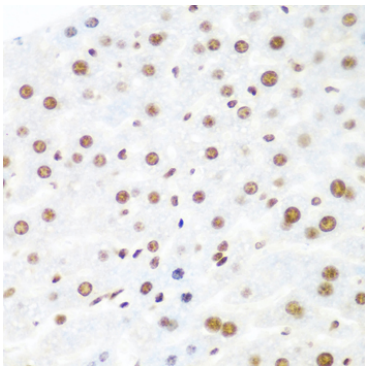
## Validation Data



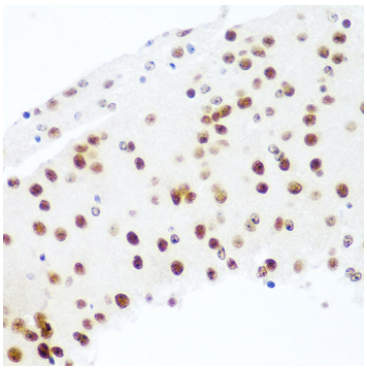

Western blot analysis of various lysates using Argonaute-2 Rabbit pAb (A6023) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human stomach using Argonaute-2 Rabbit pAb (A6023) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using Argonaute-2 Rabbit pAb (A6023) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using Argonaute-2 Rabbit pAb (A6023) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.