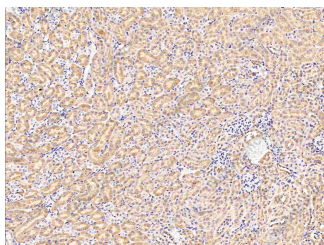


Recombinant AGO2/Argonaute 2/EIF2C2 Monoclonal Antibody

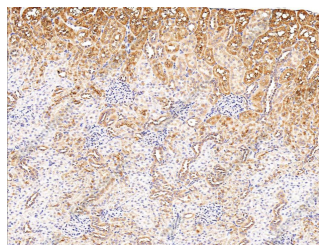
catalog number: **AN300165P**

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

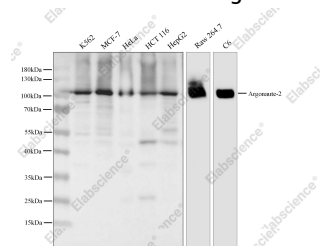
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Mouse AGO2 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110117
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
WB:	1:1000; IHC-P: 1:100; ICC/IF: 1:100-1:200; FC: 1:50-1:100; IP: 1:20-1:50
Data	



Immunohistochemical analysis of paraffin-embedded Mouse kidney tissue sections using AGO2/Argonaute 2/EIF2C2 Antibody (AN300165P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.

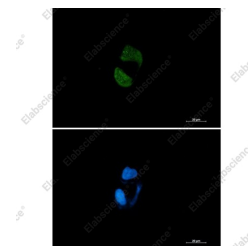


Immunohistochemical analysis of paraffin-embedded Rat kidney tissue sections using AGO2/Argonaute 2/EIF2C2 Antibody (AN300165P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of K562, MCF-7, HeLa, HCT 116, HepG2, RAW 264.7 and C6 cell lysates using AGO2/Argonaute 2/EIF2C2 Antibody (AN300165P) at a dilution of 1:1000.

Observed-MW:97 kDa
Calculated-MW:97 kDa



Immunofluorescent analysis of HCT116 cells (green), and DAPI (blue).

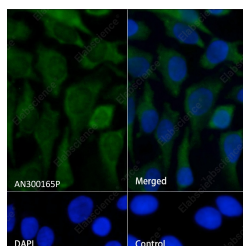
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Immunofluorescence analysis of HeLa cells labelling Argonaute-2. Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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. [provided by RefSeq, Sep 2009]