

## AGO2 Rabbit mAb (AR1401)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	97kD (Calculated) 97kD (Observed)

### Recommended Dilution Ratios

IHC:	1:2000-10000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

### Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

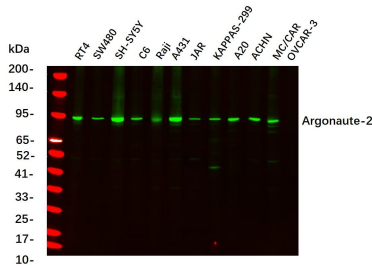
Gene name	EIF2C2 AGO2
Protein Name	Protein argonaute-2 (Argonaute2) (hAgo2) (Eukaryotic translation initiation factor 2C 2) (eIF-2C 2) (eIF2C 2) (PAZ Piwi domain protein) (PPD) (Protein slicer)

Organism	Gene ID	UniProt ID
Human	27161	Q9UKV8
Mouse	239528	Q8CJG0
Rat	59117	Q9QZ81

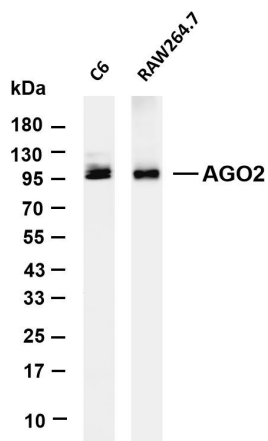
Cellular Localization	Cytoplasm, P-body. Nucleus. Translational repression of mRNAs results in their recruitment to P-bodies. Translocation to the
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nucleus requires IMP8.

## Validation Data



Western Blot analysis using various cell lysate. Proteins were separated by 4-20% SDS-PAGE, and the membrane was blotted with Argonaute-2 Rabbit mAb diluted at 1:2000. Secondary: Dylight 800, Goat Anti Rabbit IgG.



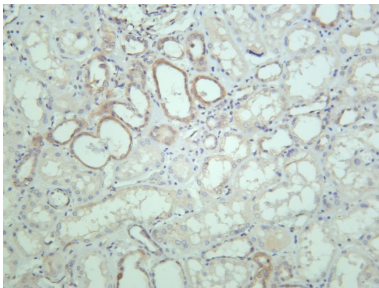
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-AGO2 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: C6

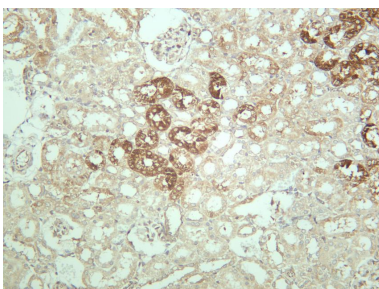
Lane 2: RAW264.7

Predicted band size: 97kDa

Observed band size: 97kDa



Human kidney was stained with anti-AGO2 rabbit antibody



Rat kidney was stained with anti-AGO2 rabbit antibody

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