

Anti-AGO2 / Argonaute 2 antibody



Catalog Number: 101667

Product name

Anti-AGO2 / Argonaute 2 antibody

Immunogen

[Human AGO2 / Argonaute 2 \(His Tag\) recombinant protein](#)

Specificity

Human AGO2 / Argonaute 2

Antibody description

Rabbit polyclonal to AGO2 / Argonaute 2

Preparation

Produced in rabbits immunized with purified, recombinant Human AGO2 / Argonaute 2 (rh AGO2 / Argonaute 2; NP_036286.2; Met1-Ala859). AGO2 / Argonaute 2 specific IgG was purified by Human AGO2 / Argonaute 2 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

WB, IHC-P, IP

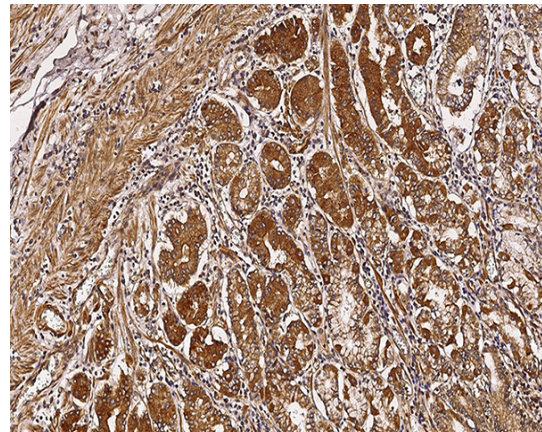
Dilutions

WB: 10-30 µg/ml

IHC-P: 0.1-2 µg/mL

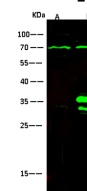
IP: 1-4 µg/mg of lysate

Validations



AGO2 / Argonaute 2 Antibody, Rabbit PAb, Antigen Affinity Purified

Immunochemical staining of human AGO2 in human stomach with rabbit polyclonal antibody (1 µg/mL, formalin-fixed paraffin embedded



sections).

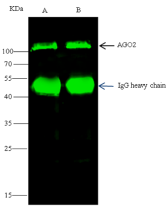
AGO2 / Argonaute 2 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot

Items	Lanes	A	B
Sample (whole cell lysate)		Jurkat	HeLa
Sample Volume (µg/lane)		30	30
Gel		13% SDS-PAGE reducing gel	
Recommended Concentration		10-30 µg/ml	
Secondary Antibody		Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.	
Explanation		Developed using Odyssey imaging system. Predicted band size : 97 kDa Observed band size : 70 kDa Additional bands at : 35 kDa and 32 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).	

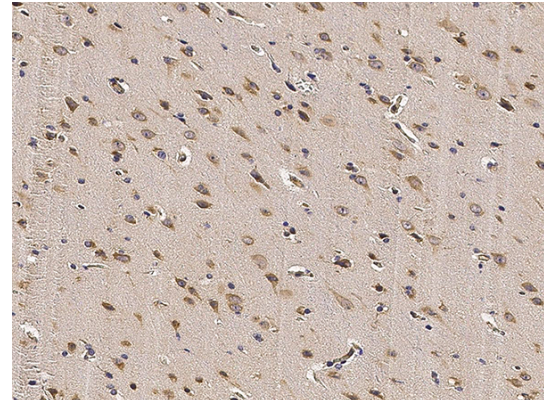
Anti-AGO2 / Argonaute 2 antibody



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Lanes	A	B
Sample (whole cell lysate)	Jurkat	HeLa
Sample quantity	0.5 mg	
IP antibody quantity	2 µg	
Protein G agarose	15 µl of 50% Protein G Agarose	
Gel	13% SDS-PAGE reducing gel	
Primary antibody	AGO2 antibody at 10 µg/ml [Cat# 11079-RP02]	
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.	



AGO2 / Argonaute 2 Antibody, Rabbit PAb,
Antigen Affinity Purified, Immunoprecipitation

AGO2 / Argonaute 2 Antibody, Rabbit PAb,
Antigen Affinity Purified

Immunochemical staining of human AGO2 in human brain with rabbit polyclonal antibody (0.2 µg/mL, formalin-fixed paraffin embedded sections).