

# AGO2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human EIF2C2. The exact sequence is proprietary.
Form	Liquid
Concentration	3.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% Proclin 300
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2735432

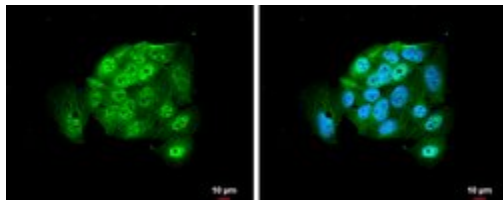
Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100-1:1000	-
Immunofluorescence (IF)	1:100-1:1000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000	-
Western Blot (WB)	1:500-1:3000	-

## Product Specific Information

Predicted Reactivity: Mouse (100%), Pig (100%), Rabbit (100%), Bovine (100%)

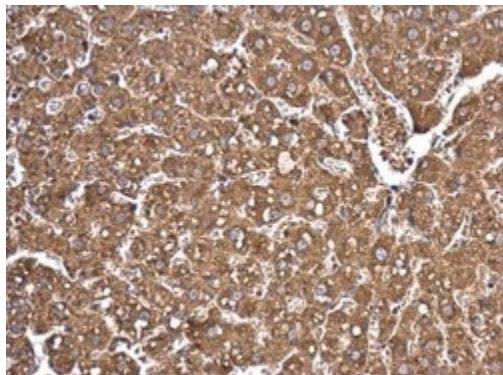
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For AGO2 Polyclonal Antibody



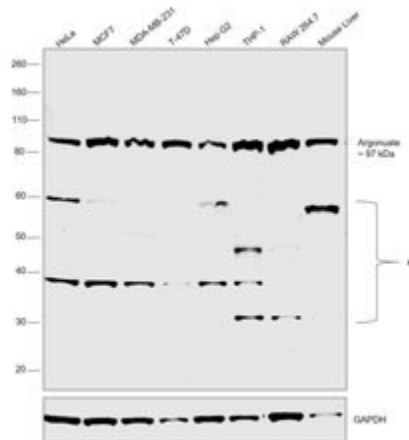
### AGO2 Antibody (PA5-78474) in IF

Immunofluorescent analysis of EIF2C2 in MCF7 cells. Samples were treated with 4% paraformaldehyde at RT for 15 min and incubated with EIF2C2 polyclonal antibody (Product # PA5-78474) using a dilution of 1:500, followed by Hoechst.



### AGO2 Antibody (PA5-78474) in IHC (P)

Immunohistochemistry analysis of AGO2 in paraffin-embedded rat liver. Sample was incubated with AGO2 polyclonal antibody (Product # PA5-78474) using a dilution of 1:500.



### AGO2 Antibody (PA5-78474) in WB

Western blot was performed using anti-AGO2 Polyclonal Antibody (Product # PA5-78474) and a band at 97 kDa corresponding to AGO2 was observed across the cell lines and tissue tested. Few uncharacterized bands (\*) were observed between 30-60 kDa. Modified whole cell extracts (1% SDS) (30 µg lysate) of HeLa (Lane 1), MCF7 (Lane 2), MDA-MB-231 (Lane 3), T-47D (Lane 4), Hep G2 (Lane 5), THP-1 (Lane 6), RAW 264.7 (Lane 7) and Mouse Liver (Lane 8) were electrophoresed using Novex® NuPAGE® 4-12% Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

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