9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-AGO3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2333

Product Overview

Name	KD-Validated Anti-AGO3 Rabbit Monoclonal Antibody
Accession(Primary)	Q9H9G7
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human EIF2C3
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 97 kDa , observed, 97 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q9H9G7)

Gene Name	AGO3
About Gene Symbol	AGO3 (Argonaute RISC Catalytic Component 3) is a metabolic enzyme involved in translational regulation. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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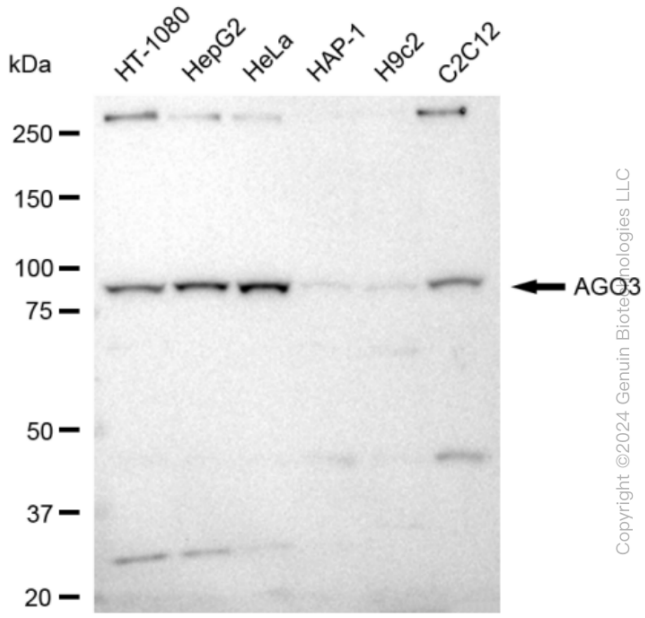

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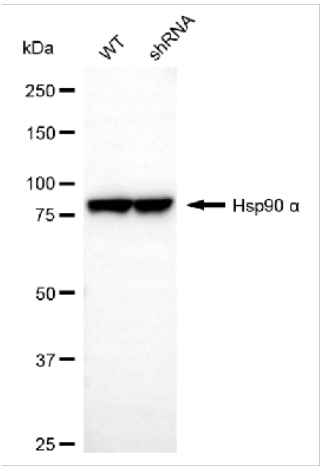
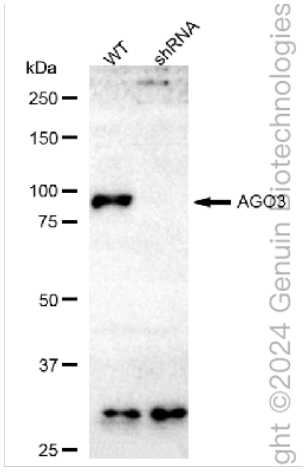
Western blotting analysis using anti-AGO3 antibody (Cat#ABG2333). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AGO3 antibody (Cat#ABG2333, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.





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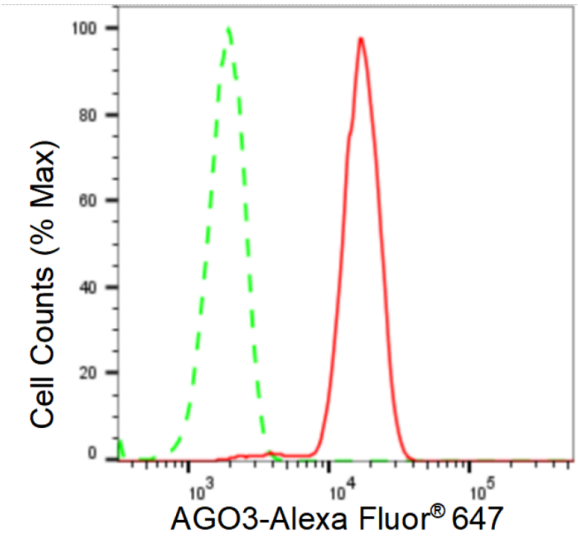
Western blotting analysis using anti-AGO3 antibody (Cat#ABG2333). AGO3 expression in wild-type (WT) and AGO3 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-AGO3 antibody (Cat#ABG2333, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of AGO3 expression in HeLa cells using AGO3 antibody (Cat#ABG2333, 1:2,000). Green, isotype control; red, AGO3.

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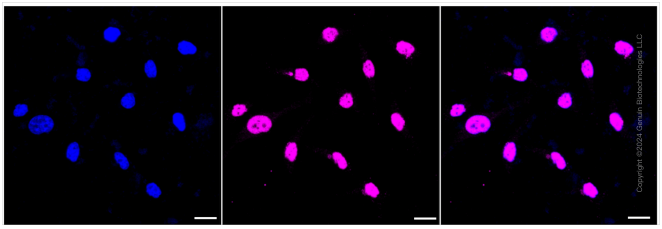

Immunocytochemical staining of Hela cells with AGO3 antibody (Cat#ABG2333, 1:1,000). Nuclei were stained blue with DAPI; AGO3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.