

Resource Summary Report

Generated by NIF on Jul 29, 2026

AGO2-human

RRID:AB_2230916

Type: Antibody

Proper Citation

Abcam Cat# ab57113, RRID:AB_2230916

Antibody Information

URL: http://antibodyregistry.org/AB_2230916

Proper Citation: Abcam Cat# ab57113, RRID:AB_2230916

Target Antigen: AGO2

Host Organism: mouse

Clonality: monoclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot GR137105-1 for not specified; status is not pursued

Antibody Name: AGO2-human

Description: This monoclonal targets AGO2

Target Organism: homo sapiens

Antibody ID: AB_2230916

Vendor: Abcam

Catalog Number: ab57113

Record Creation Time: 20250820T023212+0000

Record Last Update: 20250820T135102+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: GR137105-1 is available under ENCODE ID: ENCAB523EJV - ENCODE

No alerts have been found for AGO2-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Wang C, et al. (2025) siRNA-AGO2 complex inhibits bacterial gene translation: A promising therapeutic strategy for superbug infection. Cell reports. Medicine, 6(3), 101997.

Curdy N, et al. (2023) The proteome and transcriptome of stress granules and P bodies during human T lymphocyte activation. Cell reports, 42(3), 112211.

Luo J, et al. (2023) Nuclear miR-150 enhances hepatic lipid accumulation by targeting RNA transcripts overlapping the PLIN2 promoter. iScience, 26(10), 107837.

Ohno SI, et al. (2022) Nuclear microRNAs release paused Pol II via the DDX21-CDK9 complex. Cell reports, 39(2), 110673.

Wang X, et al. (2021) CPSF4 regulates circRNA formation and microRNA mediated gene silencing in hepatocellular carcinoma. Oncogene, 40(25), 4338.

Srinivasan S, et al. (2020) Discovery and Verification of Extracellular miRNA Biomarkers for Non-invasive Prediction of Pre-eclampsia in Asymptomatic Women. Cell reports. Medicine, 1(2).

Srinivasan S, et al. (2019) Small RNA Sequencing across Diverse Biofluids Identifies Optimal Methods for exRNA Isolation. Cell, 177(2), 446.

Dai P, et al. (2019) A Translation-Activating Function of MIWI/piRNA during Mouse Spermiogenesis. Cell, 179(7), 1566.

Paradis-Isler N, et al. (2018) NMDA receptor-dependent dephosphorylation of serine 387 in Argonaute 2 increases its degradation and affects dendritic spine density and maturation. The Journal of biological chemistry, 293(24), 9311.

Sarshad AA, et al. (2018) Argonaute-miRNA Complexes Silence Target mRNAs in the Nucleus of Mammalian Stem Cells. Molecular cell, 71(6), 1040.