

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

Rabbit anti-DDX3 Antibody, Affinity Purified

RRID:AB_451009

Type: Antibody

Proper Citation

Bethyl Cat# A300-474A, RRID:AB_451009

Antibody Information

URL: http://antibodyregistry.org/AB_451009

Proper Citation: Bethyl Cat# A300-474A, RRID:AB_451009

Target Antigen: DDX3

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB, IP, IHC

Antibody Name: Rabbit anti-DDX3 Antibody, Affinity Purified

Description: This polyclonal targets DDX3

Target Organism: mouse, human

Antibody ID: AB_451009

Vendor: Bethyl

Catalog Number: A300-474A

Alternative Catalog Numbers: A300-474A-T, A300-474A-M

Record Creation Time: 20250820T071359+0000

Record Last Update: 20250821T015325+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 1 is available under ENCODE ID: ENCAB173JTT - ENCODE

<https://www.encodeproject.org/antibodies/ENCAB173JTT>

Warning: Discontinued at Thermo Fisher Scientific
Applications: WB, IP, IHC

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Her HL, et al. (2026) Comprehensive RNA-binding protein analyses and deep learning uncover genetic constraints and disease associations in protein-RNA interfaces. Cell systems, 17(6), 101588.

Villacampa N, et al. (2025) Proliferating Microglia Exhibit Unique Transcriptional and Functional Alterations in Alzheimer's Disease. ASN neuro, 17(1), 2506406.

Mei Y, et al. (2025) Integrated multi-omic characterizations of the synapse reveal RNA processing factors and ubiquitin ligases associated with neurodevelopmental disorders. Cell systems, 16(4), 101204.

Ietswaart R, et al. (2024) Genome-wide quantification of RNA flow across subcellular compartments reveals determinants of the mammalian transcript life cycle. Molecular cell, 84(14), 2765.

LaPlante EL, et al. (2023) exRNA-eCLIP intersection analysis reveals a map of extracellular RNA binding proteins and associated RNAs across major human biofluids and carriers. Cell genomics, 3(5), 100303.

Wu X, et al. (2023) Ribosome-rescuer PELO catalyzes the oligomeric assembly of NOD-like receptor family proteins via activating their ATPase enzymatic activity. Immunity, 56(5), 926.

Krokowski D, et al. (2022) Stress-induced perturbations in intracellular amino acids reprogram mRNA translation in osmoadaptation independently of the ISR. Cell reports, 40(3), 111092.

Gong C, et al. (2021) Sequential inverse dysregulation of the RNA helicases DDX3X and DDX3Y facilitates MYC-driven lymphomagenesis. Molecular cell, 81(19), 4059.

Patmore DM, et al. (2020) DDX3X Suppresses the Susceptibility of Hindbrain Lineages to Medulloblastoma. Developmental cell, 54(4), 455.

Cui BC, et al. (2020) Pharmacological inhibition of DEAD-Box RNA Helicase 3 attenuates stress granule assembly. *Biochemical pharmacology*, 182, 114280.

Fang MY, et al. (2019) Small-Molecule Modulation of TDP-43 Recruitment to Stress Granules Prevents Persistent TDP-43 Accumulation in ALS/FTD. *Neuron*, 103(5), 802.

Nussbacher JK, et al. (2018) Systematic Discovery of RNA Binding Proteins that Regulate MicroRNA Levels. *Molecular cell*, 69(6), 1005.