

# Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

## Rabbit anti-DDX3 Antibody, Affinity Purified

RRID:AB\_451009

Type: Antibody

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### Proper Citation

Bethyl Cat# A300-474A, RRID:AB\_451009

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_451009](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

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### 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

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 11 mentions in open access literature.

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

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.