

Resource Summary Report

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

PABPC1-human

RRID:AB_777008

Type: Antibody

Proper Citation

Abcam Cat# ab21060, RRID:AB_777008

Antibody Information

URL: http://antibodyregistry.org/AB_777008

Proper Citation: Abcam Cat# ab21060, RRID:AB_777008

Target Antigen: PABPC1

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot GR131807-1 for any cell type or tissues; status is awaiting lab characterization

Antibody Name: PABPC1-human

Description: This polyclonal targets PABPC1

Target Organism: homo sapiens

Antibody ID: AB_777008

Vendor: Abcam

Catalog Number: ab21060

Record Creation Time: 20250819T215141+0000

Record Last Update: 20250820T002018+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: GR131807-1 is available under ENCODE ID: ENCAB100IMN - ENCODE

No alerts have been found for PABPC1-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Kurosaki T, et al. (2025) FMRP drives mRNP targets into translationally silenced complexes. *Molecular cell*, 85(15), 2956.

Das T, et al. (2025) Tunable metastability of condensates reconciles their dual roles in amyloid fibril formation. *Molecular cell*, 85(11), 2230.

Alessandrini F, et al. (2025) TDP-43 dysfunction compromises UPF1-dependent mRNA metabolism in ALS. *Neuron*.

Cao SM, et al. (2024) Altered nucleocytoplasmic export of adenosine-rich circRNAs by PABPC1 contributes to neuronal function. *Molecular cell*, 84(12), 2304.

Freibaum BD, et al. (2024) Identification of small molecule inhibitors of G3BP-driven stress granule formation. *The Journal of cell biology*, 223(3).

Watkins JM, et al. (2024) RNase L-induced bodies sequester subgenomic flavivirus RNAs to promote viral RNA decay. *Cell reports*, 43(9), 114694.

Vieira de Sá R, et al. (2024) ATAXIN-2 intermediate-length polyglutamine expansions elicit ALS-associated metabolic and immune phenotypes. *Nature communications*, 15(1), 7484.

Gonzalez A, et al. (2023) A new Karyopherin- β binding PY-NLS epitope of HNRNPH2 linked to neurodevelopmental disorders. *Structure (London, England : 1993)*, 31(8), 924.

McGoldrick P, et al. (2023) Loss of C9orf72 perturbs the Ran-GTPase gradient and nucleocytoplasmic transport, generating compositionally diverse Importin β -1 granules. *Cell reports*, 42(3), 112134.

Bailey AS, et al. (2023) YTHDC2 serves a distinct late role in spermatocytes during germ cell differentiation. *bioRxiv : the preprint server for biology*.

Fujikawa D, et al. (2023) Stress granule formation inhibits stress-induced apoptosis by selectively sequestering executioner caspases. *Current biology : CB*, 33(10), 1967.

Conley MJ, et al. (2023) Microwave hyperthermia represses human papillomavirus oncoprotein activity and induces cell death due to cell stress in 3D tissue models of anogenital precancers and cancers. *EBioMedicine*, 91, 104577.

Luqman-Fatah A, et al. (2023) The interferon stimulated gene-encoded protein HELZ2 inhibits human LINE-1 retrotransposition and LINE-1 RNA-mediated type I interferon induction. *Nature communications*, 14(1), 203.

Spens AE, et al. (2023) Human DUX4 and mouse Dux interact with STAT1 and broadly inhibit interferon-stimulated gene induction. *eLife*, 12.

Stoneley M, et al. (2022) Unresolved stalled ribosome complexes restrict cell-cycle progression after genotoxic stress. *Molecular cell*, 82(8), 1557.

Kim G, et al. (2022) Genome-wide CRISPR screen reveals v-ATPase as a drug target to lower levels of ALS protein ataxin-2. *Cell reports*, 41(4), 111508.

Kurosaki T, et al. (2022) Integrative omics indicate FMRP sequesters mRNA from translation and deadenylation in human neuronal cells. *Molecular cell*, 82(23), 4564.

Eagleman DE, et al. (2021) Unbiased proteomic screening identifies a novel role for the E3 ubiquitin ligase Nedd4-2 in translational suppression during ER stress. *Journal of neurochemistry*, 157(6), 1809.

Lester E, et al. (2021) Tau aggregates are RNA-protein assemblies that mislocalize multiple nuclear speckle components. *Neuron*, 109(10), 1675.

Kakihana T, et al. (2021) The optineurin/TIA1 pathway inhibits aberrant stress granule formation and reduces ubiquitinated TDP-43. *iScience*, 24(7), 102733.