

Resource Summary Report

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Anti-Ubiquitin, clone Ubi-1 (aka 042691GS)

RRID:AB_2180556

Type: Antibody

Proper Citation

Millipore Cat# MAB1510, RRID:AB_2180556

Antibody Information

URL: http://antibodyregistry.org/AB_2180556

Proper Citation: Millipore Cat# MAB1510, RRID:AB_2180556

Target Antigen: Rps27a

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: western blot, immunoprecipitation, immunohistochemistry

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Anti-Ubiquitin, clone Ubi-1 (aka 042691GS)

Description: This monoclonal targets Rps27a

Target Organism: chicken, rat, mouse, human

Defining Citation: [PMID:17183534](#)

Antibody ID: AB_2180556

Vendor: Millipore

Catalog Number: MAB1510

Record Creation Time: 20250820T010825+0000

Record Last Update: 20250820T100834+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Anti-Ubiquitin, clone Ubi-1 (aka 042691GS).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Ford PW, et al. (2025) RNF10 and R1OK3 facilitate 40S ribosomal subunit degradation upon 60S biogenesis disruption or amino acid starvation. Cell reports, 44(3), 115371.

Warren GD, et al. (2023) Mechanism of Lys6 poly-ubiquitin specificity by the L. pneumophila deubiquitinase LotA. Molecular cell, 83(1), 105.

Monda JK, et al. (2023) HAPSTR1 localizes HUWE1 to the nucleus to limit stress signaling pathways. Cell reports, 42(5), 112496.

Franklin TG, et al. (2023) Bacterial ligases reveal fundamental principles of polyubiquitin specificity. Molecular cell, 83(24), 4538.

Chomiak AA, et al. (2022) Nde1 is required for heterochromatin compaction and stability in neocortical neurons. iScience, 25(6), 104354.

Guo Y, et al. (2022) Histone H2A ubiquitination resulting from Brap loss of function connects multiple aging hallmarks and accelerates neurodegeneration. iScience, 25(7), 104519.

Wu Y, et al. (2021) Microglial lysosome dysfunction contributes to white matter pathology and TDP-43 proteinopathy in GRN-associated FTD. Cell reports, 36(8), 109581.

Deng Y, et al. (2021) Progression of basal ganglia pathology in heterozygous Q175 knock-in Huntington's disease mice. The Journal of comparative neurology, 529(7), 1327.

Arakhamia T, et al. (2020) Posttranslational Modifications Mediate the Structural Diversity of Tauopathy Strains. Cell, 180(4), 633.

Todd TW, et al. (2020) Hexanucleotide Repeat Expansions in c9FTD/ALS and SCA36 Confer Selective Patterns of Neurodegeneration In Vivo. *Cell reports*, 31(5), 107616.

Osei-Amponsa V, et al. (2020) Impact of Losing hRpn13 or UCHL5 on Proteasome Clearance of Ubiquitinated Proteins and RA190 Cytotoxicity. *Molecular and cellular biology*, 40(18).

Sarraf SA, et al. (2020) Loss of TAX1BP1-Directed Autophagy Results in Protein Aggregate Accumulation in the Brain. *Molecular cell*, 80(5), 779.

Silva MC, et al. (2019) Targeted degradation of aberrant tau in frontotemporal dementia patient-derived neuronal cell models. *eLife*, 8.

Gasset-Rosa F, et al. (2019) Cytoplasmic TDP-43 De-mixing Independent of Stress Granules Drives Inhibition of Nuclear Import, Loss of Nuclear TDP-43, and Cell Death. *Neuron*, 102(2), 339.

van der Kant R, et al. (2019) Cholesterol Metabolism Is a Druggable Axis that Independently Regulates Tau and Amyloid- β in iPSC-Derived Alzheimer's Disease Neurons. *Cell stem cell*, 24(3), 363.

Sundaramoorthy E, et al. (2017) ZNF598 and RACK1 Regulate Mammalian Ribosome-Associated Quality Control Function by Mediating Regulatory 40S Ribosomal Ubiquitylation. *Molecular cell*, 65(4), 751.

Xu P, et al. (2017) COPI mediates recycling of an exocytic SNARE by recognition of a ubiquitin sorting signal. *eLife*, 6.