

Resource Summary Report

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Anti-Ubiquitin Antibody, clone P4D1-A11

RRID:AB_441944

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# 05-944, RRID:AB_441944

Antibody Information

URL: http://antibodyregistry.org/AB_441944

Proper Citation: Sigma-Aldrich Cat# 05-944, RRID:AB_441944

Target Antigen: Ubiquitin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB

Antibody Name: Anti-Ubiquitin Antibody, clone P4D1-A11

Description: This monoclonal targets Ubiquitin

Target Organism: other, feline, chickenavian, rat, hamster, simian, xenopus, donkey, porcine, canine, yeast, vertebrates, horse, mouse, rabbit, bovine, human, sheep

Clone ID: Clone P4D1-A11

Antibody ID: AB_441944

Vendor: Sigma-Aldrich

Catalog Number: 05-944

Record Creation Time: 20250820T011507+0000

Record Last Update: 20250820T102625+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Ubiquitin Antibody, clone P4D1-A11.

No alerts have been found for Anti-Ubiquitin Antibody, clone P4D1-A11.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Gupta D, et al. (2025) A LisH-domain protein interaction map reveals a Lis1-ARIH2-dynein regulatory axis. *iScience*, 28(11), 113912.

Liu J, et al. (2025) The OsEBF1-OsEIL5-OsP91 module regulates rice heat tolerance via ubiquitination and transcriptional activation. *Cell reports*, 44(2), 115271.

Hermanns T, et al. (2025) A family of bacterial Josephin-like deubiquitinases with an irreversible cleavage mode. *Molecular cell*, 85(6), 1202.

Xu X, et al. (2024) A pair of E3 ubiquitin ligases control immunity and flowering by targeting different ELF3 proteins in rice. *Developmental cell*, 59(20), 2731.

You X, et al. (2023) The rice peroxisomal receptor PEX5 negatively regulates resistance to rice blast fungus *Magnaporthe oryzae*. *Cell reports*, 42(10), 113315.

Askari F, et al. (2023) Phosphatidylinositol 3-phosphate regulates iron transport via PI3P-binding CgPil1 protein. *Cell reports*, 42(8), 112855.

Harbauer AB, et al. (2022) Neuronal mitochondria transport Pink1 mRNA via synaptojanin 2 to support local mitophagy. *Neuron*, 110(9), 1516.

Balaji V, et al. (2022) A dimer-monomer switch controls CHIP-dependent substrate ubiquitylation and processing. *Molecular cell*, 82(17), 3239.

Franz A, et al. (2021) USP7 and VCPFAF1 define the SUMO/Ubiquitin landscape at the DNA replication fork. *Cell reports*, 37(2), 109819.

Koyuncu S, et al. (2021) Rewiring of the ubiquitinated proteome determines ageing in *C. elegans*. *Nature*, 596(7871), 285.

Dubeaux G, et al. (2018) Metal Sensing by the IRT1 Transporter-Receptor Orchestrates Its Own Degradation and Plant Metal Nutrition. *Molecular cell*, 69(6), 953.

Baranes-Bachar K, et al. (2018) The Ubiquitin E3/E4 Ligase UBE4A Adjusts Protein Ubiquitylation and Accumulation at Sites of DNA Damage, Facilitating Double-Strand

Break Repair. *Molecular cell*, 69(5), 866.

Sung MK, et al. (2016) A conserved quality-control pathway that mediates degradation of unassembled ribosomal proteins. *eLife*, 5.