

Resource Summary Report

Generated by [nidm-terms](#) on Aug 8, 2026

EGFP-Rab7A

RRID:Addgene_28047

Type: Plasmid

Proper Citation

RRID:Addgene_28047

Plasmid Information

URL: <http://www.addgene.org/28047>

Proper Citation: RRID:Addgene_28047

Insert Name: Rab7A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20974968](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446;
Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Plasmid Name: EGFP-Rab7A

Record Creation Time: 20220422T222126+0000

Record Last Update: 20260808T081509+0000

Ratings and Alerts

No rating or validation information has been found for EGFP-Rab7A.

No alerts have been found for EGFP-Rab7A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Williams ET, et al. (2026) Parkinson's disease-linked D620N mutation selectively alters the brain-specific protein interactome of VPS35. bioRxiv : the preprint server for biology.

Bitler BG, et al. (2025) Claudin-4 as a dual regulator of genome stability and immune evasion in high grade serous ovarian cancer. Scientific reports, 15(1), 39257.

Fang S, et al. (2025) Engineering a cell-based orthogonal ubiquitin transfer cascade for profiling the substrates of RBR E3 Parkin. iScience, 28(7), 112913.

Basak B, et al. (2025) Mitochondrial damage triggers the concerted degradation of negative regulators of neuronal autophagy. Nature communications, 16(1), 7367.

Lee WP, et al. (2024) Akt1 is involved in HCV release by promoting endoplasmic reticulum-to-endosome transition of infectious virions. Life sciences, 338, 122412.

Sava I, et al. (2024) Reversible assembly and disassembly of V-ATPase during the lysosome regeneration cycle. Molecular biology of the cell, 35(5), ar63.

Peng W, et al. (2023) Parkin regulates amino acid homeostasis at mitochondria-lysosome (M/L) contact sites in Parkinson's disease. Science advances, 9(29), eadh3347.

Raj N, et al. (2023) Early Endosomes Act as Local Exocytosis Hubs to Repair Endothelial Membrane Damage. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 10(13), e2300244.

Wong YC, et al. (2022) Mid51/Fis1 mitochondrial oligomerization complex drives lysosomal untethering and network dynamics. The Journal of cell biology, 221(10).

Miserey-Lenkei S, et al. (2021) A comprehensive library of fluorescent constructs of SARS-CoV-2 proteins and their initial characterisation in different cell types. Biology of the cell, 113(7), 311.

Lu M, et al. (2020) The structure and global distribution of the endoplasmic reticulum network are actively regulated by lysosomes. Science advances, 6(51).

Han Y, et al. (2020) A Labeling Strategy for Living Specimens in Long-Term/Super-Resolution Fluorescence Imaging. Frontiers in chemistry, 8, 601436.

Levanova N, et al. (2019) The Legionella effector LtpM is a new type of phosphoinositide-activated glucosyltransferase. The Journal of biological chemistry, 294(8), 2862.

Wild F, et al. (2019) Evidence for the subsynaptic zone as a preferential site for CHRN recycling at neuromuscular junctions. Small GTPases, 10(5), 395.

Wong YC, et al. (2019) Lysosomal Regulation of Inter-mitochondrial Contact Fate and Motility in Charcot-Marie-Tooth Type 2. Developmental cell, 50(3), 339.

Vaites LP, et al. (2018) Systematic Analysis of Human Cells Lacking ATG8 Proteins Uncovers Roles for GABARAPs and the CCZ1/MON1 Regulator C18orf8/RMC1 in Macroautophagic and Selective Autophagic Flux. *Molecular and cellular biology*, 38(1).

Yang HQ, et al. (2018) The trafficking protein, EHD2, positively regulates cardiac sarcolemmal KATP channel surface expression: role in cardioprotection. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 32(3), 1613.

Wong YC, et al. (2018) Mitochondria-lysosome contacts regulate mitochondrial fission via RAB7 GTP hydrolysis. *Nature*, 554(7692), 382.

Laviolette LA, et al. (2017) Negative regulation of EGFR signalling by the human folliculin tumour suppressor protein. *Nature communications*, 8, 15866.

Justis AV, et al. (2017) Interactions between the *Coxiella burnetii* parasitophorous vacuole and the endoplasmic reticulum involve the host protein ORP1L. *Cellular microbiology*, 19(1).