

Resource Summary Report

Generated by [nidm-terms](#) on Jul 31, 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: 20260725T074524+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 23 mentions in open access literature.

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

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.

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

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

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.

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.

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).

Court H, et al. (2017) Regulation of NOTCH signaling by RAB7 and RAB8 requires carboxyl methylation by ICMT. *The Journal of cell biology*, 216(12), 4165.