

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

EGFP-Rab7A Q67L

RRID:Addgene_28049

Type: Plasmid

Proper Citation

RRID:Addgene_28049

Plasmid Information

URL: <http://www.addgene.org/28049>

Proper Citation: RRID:Addgene_28049

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 Q67L

Relevant Mutation: Q67L

Record Creation Time: 20220422T222126+0000

Record Last Update: 20260905T075446+0000

Ratings and Alerts

No rating or validation information has been found for EGFP-Rab7A Q67L.

No alerts have been found for EGFP-Rab7A Q67L.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Paddar MA, et al. (2025) Noncanonical roles of ATG5 and membrane atg8ylation in retromer assembly and function. *eLife*, 13.

Rengarajan A, et al. (2025) The endo-lysosomal system drives lumen formation in a human epiblast model. *bioRxiv : the preprint server for biology*.

Peng W, et al. (2025) Endosomal trafficking participates in lipid droplet catabolism to maintain lipid homeostasis. *Nature communications*, 16(1), 1917.

Duhaini M, et al. (2025) Sodium proton exchanger NHE9 pHine-tunes exosome production by impairing Rab7 activity. *The Journal of biological chemistry*, 301(3), 108264.

Paddar MA, et al. (2024) Noncanonical roles of ATG5 and membrane atg8ylation in retromer assembly and function. *bioRxiv : the preprint server for biology*.

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.

Melendez J, et al. (2021) TGF β signalling acts as a molecular brake of myoblast fusion. *Nature communications*, 12(1), 749.

Jeckel P, et al. (2021) Autism Spectrum Disorder Risk Factor Met Regulates the Organization of Inhibitory Synapses. *Frontiers in molecular neuroscience*, 14, 659856.

Bertovi I, et al. (2020) Vps34 derived phosphatidylinositol 3-monophosphate modulates megakaryocyte maturation and proplatelet production through late endosomes/lysosomes. *Journal of thrombosis and haemostasis : JTH*, 18(7), 1756.

Yeshaw WM, et al. (2019) Human VPS13A is associated with multiple organelles and influences mitochondrial morphology and lipid droplet motility. *eLife*, 8.

Vaite 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).

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

Torralba D, et al. (2018) Priming of dendritic cells by DNA-containing extracellular vesicles from activated T cells through antigen-driven contacts. *Nature communications*, 9(1), 2658.

Gunaratne GS, et al. (2018) NAADP-dependent Ca²⁺ signaling regulates Middle East respiratory syndrome-coronavirus pseudovirus translocation through the endolysosomal system. *Cell calcium*, 75, 30.

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

Rodriguez L, et al. (2017) Rab7A regulates tau secretion. *Journal of neurochemistry*, 141(4), 592.

Dinter E, et al. (2016) Rab7 induces clearance of α -synuclein aggregates. *Journal of neurochemistry*, 138(5), 758.

Li RJ, et al. (2016) Regulation of mTORC1 by lysosomal calcium and calmodulin. *eLife*, 5.

Schulze U, et al. (2014) The Vac14-interaction network is linked to regulators of the endolysosomal and autophagic pathway. *Molecular & cellular proteomics : MCP*, 13(6), 1397.