

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

GFP-rab9 WT

RRID:Addgene_12663

Type: Plasmid

Proper Citation

RRID:Addgene_12663

Plasmid Information

URL: <http://www.addgene.org/12663>

Proper Citation: RRID:Addgene_12663

Insert Name: RAB9 (Homo sapiens)

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:12070301](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: GFP-rab9 WT

Record Creation Time: 20220422T221704+0000

Record Last Update: 20260815T080427+0000

Ratings and Alerts

No rating or validation information has been found for GFP-rab9 WT.

No alerts have been found for GFP-rab9 WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Shiraishi T, et al. (2024) The impact of VPS35 D620N mutation on alternative autophagy and its reversal by estrogen in Parkinson's disease. Cellular and molecular life sciences : CMLS, 81(1), 103.

Cui S, et al. (2023) NDP52 mediates an antiviral response to hepatitis B virus infection through Rab9-dependent lysosomal degradation pathway. Nature communications, 14(1), 8440.

Christensen JR, et al. (2021) Cytoplasmic dynein-1 cargo diversity is mediated by the combinatorial assembly of FTS-Hook-FHIP complexes. eLife, 10.

Janman D, et al. (2021) Regulation of CTLA-4 recycling by LRBA and Rab11. Immunology, 164(1), 106.

Yammine L, et al. (2019) Lipocalin-2 Regulates Epidermal Growth Factor Receptor Intracellular Trafficking. Cell reports, 29(7), 2067.

Rivero-Ríos P, et al. (2019) The G2019S variant of leucine-rich repeat kinase 2 (LRRK2) alters endolysosomal trafficking by impairing the function of the GTPase RAB8A. The Journal of biological chemistry, 294(13), 4738.

Prokšová PG, et al. (2018) Mason-Pfizer Monkey Virus Envelope Glycoprotein Cycling and Its Vesicular Co-Transport with Immature Particles. Viruses, 10(10).

Huang CY, et al. (2018) Rab9-dependent autophagy is required for the IGF-IIR triggering mitophagy to eliminate damaged mitochondria. Journal of cellular physiology, 233(9), 7080.

Zhang X, et al. (2017) BAIAP3, a C2 domain-containing Munc13 protein, controls the fate of dense-core vesicles in neuroendocrine cells. The Journal of cell biology, 216(7), 2151.

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

Hammerling BC, et al. (2017) A Rab5 endosomal pathway mediates Parkin-dependent mitochondrial clearance. Nature communications, 8, 14050.

Solek CM, et al. (2017) Lineage tracing of dlx1a/2a and dlx5a/6a expressing cells in the developing zebrafish brain. Developmental biology, 427(1), 131.

Su T, et al. (2017) An Ethanolic Extract of Ampelopsis Radix Exerts Anti-colorectal Cancer Effects and Potently Inhibits STAT3 Signaling In Vitro. Frontiers in pharmacology, 8, 227.

Steger M, et al. (2017) Systematic proteomic analysis of LRRK2-mediated Rab GTPase phosphorylation establishes a connection to ciliogenesis. eLife, 6.

Lee JG, et al. (2016) Unconventional secretion of misfolded proteins promotes adaptation to proteasome dysfunction in mammalian cells. Nature cell biology, 18(7), 765.

Lerch S, et al. (2015) Nanoprob ing the acidification process during intracellular uptake and trafficking. *Nanomedicine : nanotechnology, biology, and medicine*, 11(6), 1585.

Ross NL, et al. (2015) Histone-targeted Polyplexes Avoid Endosomal Escape and Enter the Nucleus During Postmitotic Redistribution of ER Membranes. *Molecular therapy. Nucleic acids*, 4(2), e226.

Tsika E, et al. (2014) Parkinson's disease-linked mutations in VPS35 induce dopaminergic neurodegeneration. *Human molecular genetics*, 23(17), 4621.

Snyder JC, et al. (2013) Constitutive internalization of the leucine-rich G protein-coupled receptor-5 (LGR5) to the trans-Golgi network. *The Journal of biological chemistry*, 288(15), 10286.

Johnson C, et al. (2011) Cellular vacuoles induced by *Mycoplasma pneumoniae* CARDS toxin originate from Rab9-associated compartments. *PloS one*, 6(7), e22877.