

Resource Summary Report

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

DsRed-rab7 DN

RRID:Addgene_12662

Type: Plasmid

Proper Citation

RRID:Addgene_12662

Plasmid Information

URL: <http://www.addgene.org/12662>

Proper Citation: RRID:Addgene_12662

Insert Name: RAB7 (Homo sapiens)

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:12070301](#)

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

Plasmid Name: DsRed-rab7 DN

Relevant Mutation: T22N

Record Creation Time: 20220422T221704+0000

Record Last Update: 20260815T080427+0000

Ratings and Alerts

No rating or validation information has been found for DsRed-rab7 DN.

No alerts have been found for DsRed-rab7 DN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Rahman F, et al. (2022) DYNC1LI2 regulates localization of the chaperone-mediated autophagy receptor LAMP2A and improves cellular homeostasis in cystinosis. *Autophagy*, 18(5), 1108.

Jin K, et al. (2021) NOTCH-induced rerouting of endosomal trafficking disables regulatory T cells in vasculitis. *The Journal of clinical investigation*, 131(1).

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

Parks XX, et al. (2019) Fluvastatin inhibits Rab5-mediated IKs internalization caused by chronic Ca²⁺-dependent PKC activation. *Journal of molecular and cellular cardiology*, 129, 314.

Yamano K, et al. (2018) Endosomal Rab cycles regulate Parkin-mediated mitophagy. *eLife*, 7.

Chang CH, et al. (2017) Endosomal sorting and c-Cbl targeting of paxillin to autophagosomes regulate cell-matrix adhesion turnover in human breast cancer cells. *Oncotarget*, 8(19), 31199.

Lazebnik M, et al. (2017) Rapid and facile quantitation of polyplex endocytic trafficking. *Journal of controlled release : official journal of the Controlled Release Society*, 247, 19.

Ng WC, et al. (2016) The C-type Lectin Langerin Functions as a Receptor for Attachment and Infectious Entry of Influenza A Virus. *Journal of virology*, 90(1), 206.

Shubin AV, et al. (2015) Protease 3C of hepatitis A virus induces vacuolization of lysosomal/endosomal organelles and caspase-independent cell death. *BMC cell biology*, 16, 4.

Weir DL, et al. (2014) Host cell virus entry mediated by Australian bat lyssavirus G envelope glycoprotein occurs through a clathrin-mediated endocytic pathway that requires actin and Rab5. *Virology journal*, 11, 40.

Day PM, et al. (2013) Identification of a role for the trans-Golgi network in human papillomavirus 16 pseudovirus infection. *Journal of virology*, 87(7), 3862.

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