

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

DsRed-rab11 DN

RRID:Addgene_12680

Type: Plasmid

Proper Citation

RRID:Addgene_12680

Plasmid Information

URL: <http://www.addgene.org/12680>

Proper Citation: RRID:Addgene_12680

Insert Name: RAB11A (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-rab11 DN

Relevant Mutation: changed serine 25 to asparagine

Record Creation Time: 20220422T221705+0000

Record Last Update: 20260808T080706+0000

Ratings and Alerts

No rating or validation information has been found for DsRed-rab11 DN.

No alerts have been found for DsRed-rab11 DN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Markou A, et al. (2024) Mechanisms of aquaporin-4 vesicular trafficking in mammalian cells. *Journal of neurochemistry*, 168(2), 100.

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.

Valenzuela JI, et al. (2020) Localized Intercellular Transfer of Ephrin-As by Trans-endocytosis Enables Long-Term Signaling. *Developmental cell*, 52(1), 104.

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.

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.

Zhao Z, et al. (2015) Central role for PICALM in amyloid- β blood-brain barrier transcytosis and clearance. *Nature neuroscience*, 18(7), 978.

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.

Lissner S, et al. (2013) The PDZ-interaction of the intestinal anion exchanger downregulated in adenoma (DRA; SLC26A3) facilitates its movement into Rab11a-positive recycling endosomes. *American journal of physiology. Gastrointestinal and liver physiology*, 304(11), G980.

Morén B, et al. (2012) EHD2 regulates caveolar dynamics via ATP-driven targeting and oligomerization. *Molecular biology of the cell*, 23(7), 1316.

Tower-Gilchrist C, et al. (2011) Endosomal trafficking of the G protein-coupled receptor somatostatin receptor 3. *Biochemical and biophysical research communications*, 413(4), 555.