

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pAXEF-Rap1-E63(GTP)

RRID:Addgene_32698

Type: Plasmid

Proper Citation

RRID:Addgene_32698

Plasmid Information

URL: <http://www.addgene.org/32698>

Proper Citation: RRID:Addgene_32698

Insert Name: RAP1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin and Tetracycline

Defining Citation: [PMID:15469846](#)

Vector Backbone Description: Vector Backbone:pAXEF-1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin and Tetracycline

Comments: Q63 changed to E to give phenotype

Plasmid Name: pAXEF-Rap1-E63(GTP)

Relevant Mutation: E63: Constitutively GTP-bound

Record Creation Time: 20220422T222142+0000

Record Last Update: 20260815T081343+0000

Ratings and Alerts

No rating or validation information has been found for pAXEF-Rap1-E63(GTP).

No alerts have been found for pAXEF-Rap1-E63(GTP).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Wang Y, et al. (2022) Hepatocyte Rap1a contributes to obesity- and statin-associated hyperglycemia. *Cell reports*, 40(8), 111259.

Dierschke SK, et al. (2020) Angiotensin-(1-7) Attenuates Protein O-GlcNAcylation in the Retina by EPAC/Rap1-Dependent Inhibition of O-GlcNAc Transferase. *Investigative ophthalmology & visual science*, 61(2), 24.

Volovetz J, et al. (2020) Identifying conserved molecular targets required for cell migration of glioblastoma cancer stem cells. *Cell death & disease*, 11(2), 152.

Xiao S, et al. (2017) Mitotic Cortical Waves Predict Future Division Sites by Encoding Positional and Size Information. *Developmental cell*, 43(4), 493.