

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

pCMV-Neo-Bam APC

RRID:Addgene_16507

Type: Plasmid

Proper Citation

RRID:Addgene_16507

Plasmid Information

URL: <http://www.addgene.org/16507>

Proper Citation: RRID:Addgene_16507

Insert Name: APC

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9065402](#)

Vector Backbone Description: Backbone Marker:Vogelstein lab (Addgene plasmid# 16440); Backbone Size:6600; Vector Backbone:pCMV-Neo-Bam; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-Neo-Bam APC

Record Creation Time: 20220422T221932+0000

Record Last Update: 20260808T081139+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-Neo-Bam APC.

No alerts have been found for pCMV-Neo-Bam APC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Baro L, et al. (2024) Tumor invasiveness is regulated by the concerted function of APC, formins, and Arp2/3 complex. *iScience*, 27(5), 109687.

?ak M, et al. (2023) Regulation of otic neurosensory specification by Notch and Wnt signalling: insights from RNA-seq screenings in the embryonic chicken inner ear. *Frontiers in cell and developmental biology*, 11, 1245330.

Baro L, et al. (2023) APC-driven actin nucleation powers collective cell dynamics in colorectal cancer cells. *iScience*, 26(5), 106583.

Chen X, et al. (2023) The Mechanics of Tumor Cells Dictate Malignancy via Cytoskeleton-Mediated APC/Wnt/?-Catenin Signaling. *Research (Washington, D.C.)*, 6, 0224.

Mitani Y, et al. (2022) HER2 G776S mutation promotes oncogenic potential in colorectal cancer cells when accompanied by loss of APC function. *Scientific reports*, 12(1), 9213.

Chinnappa K, et al. (2022) Secondary loss of miR-3607 reduced cortical progenitor amplification during rodent evolution. *Science advances*, 8(2), eabj4010.

Huang TC, et al. (2021) Predicting Agents That Can Overcome 5-FU Resistance in Colorectal Cancers via Pharmacogenomic Analysis. *Biomedicines*, 9(8).

Yamaguchi S, et al. (2018) Identification and characterization of a novel adenomatous polyposis coli mutation in adult pancreatoblastoma. *Oncotarget*, 9(12), 10818.

Oh JY, et al. (2018) Adenomatous polyposis coli-stimulated GEF 1 (Asef1) is a negative regulator of excitatory synaptic function. *Journal of neurochemistry*, 147(5), 595.

Juanes MA, et al. (2017) Adenomatous polyposis coli nucleates actin assembly to drive cell migration and microtubule-induced focal adhesion turnover. *The Journal of cell biology*, 216(9), 2859.

Ahn SY, et al. (2017) Anti-helminthic niclosamide inhibits Ras-driven oncogenic transformation via activation of GSK-3. *Oncotarget*, 8(19), 31856.

Cai J, et al. (2015) ?-Catenin destruction complex-independent regulation of Hippo-YAP signaling by APC in intestinal tumorigenesis. *Genes & development*, 29(14), 1493.

Benseddik K, et al. (2013) ErbB2-dependent chemotaxis requires microtubule capture and stabilization coordinated by distinct signaling pathways. *PloS one*, 8(1), e55211.

Lavergne E, et al. (2011) Blocking Wnt signaling by SFRP-like molecules inhibits in vivo cell proliferation and tumor growth in cells carrying active ?-catenin. *Oncogene*, 30(4), 423.

Li A, et al. (2010) Cell type-specific expression of adenomatous polyposis coli in lung development, injury, and repair. *Developmental dynamics : an official publication of the American Association of Anatomists*, 239(8), 2288.