

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

BN-Adora2a^{m1Mcwi}

RRID:RGD_1581634

Type: Organism

Proper Citation

RRID:RGD_1581634

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1581634>

Proper Citation: RRID:RGD_1581634

Description: Rattus norvegicus with name BN-Adora2a^{m1Mcwi} from RGD.

Species: Rattus norvegicus

Notes: Male founders are injected with ENU (N-ethyl-N-nitrosourea) and harem bred to females. The pups are genetically screened using the TILLING assay (an enzyme-based heteroduplex cleavage assay) as well as nucleotide sequencing to identify and characterize target genes possessing ENU-induced mutations. C249S mutation is generated from the codon change TGT/AGT of rat Adora2a.

Catalog Number: 1581634

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Extinct (as of 2016-10-24)

Alternate IDs: 1581634

Organism Name: BN-Adora2a^{m1Mcwi}

Record Creation Time: 20230509T191934+0000

Record Last Update: 20260725T194241+0000

Ratings and Alerts

No rating or validation information has been found for BN-*Adora2a*^{m1Mcwi}.

No alerts have been found for BN-*Adora2a*^{m1Mcwi}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.