

Resource Summary Report

Generated by [ASWG](#) on Sep 1, 2026

B6.129P2(Cg)-Akt2^{tm1.1Mbb}/J

RRID:IMSR_JAX:006966

Type: Organism

Proper Citation

RRID:IMSR_JAX:006966

Organism Information

URL: <https://www.jax.org/strain/006966>

Proper Citation: RRID:IMSR_JAX:006966

Description: Mus musculus with name B6.129P2(Cg)-Akt2^{tm1.1Mbb}/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Akt2^{tm1.1Mbb}/J

Notes: gene symbol note: Akt serine/threonine kinase 2; mutant strain|congenic strain: Akt2

Affected Gene: Akt serine/threonine kinase 2

Genomic Alteration: targeted mutation 1.1; Morris J Birnbaum

Catalog Number: JAX:006966

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2(Cg)-Akt2^{tm1.1Mbb}/J

Record Creation Time: 20250513T053700+0000

Record Last Update: 20260829T044958+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(Cg)-Akt2^{tm1.1Mbb}/J.

No alerts have been found for B6.129P2(Cg)-Akt2^{tm1.1Mbb/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Natunen T, et al. (2020) Diabetic phenotype in mouse and humans reduces the number of microglia around ??-amyloid plaques. *Molecular neurodegeneration*, 15(1), 66.

Wong H, et al. (2020) Isoform-specific roles for AKT in affective behavior, spatial memory, and extinction related to psychiatric disorders. *eLife*, 9.

Kellenberger LD, et al. (2018) Hyperglycemia promotes insulin-independent ovarian tumor growth. *Gynecologic oncology*, 149(2), 361.

Levenga J, et al. (2017) AKT isoforms have distinct hippocampal expression and roles in synaptic plasticity. *eLife*, 6.