

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 8, 2026

B6.129P2-Akt1^{tm1Mbb}/J

RRID:IMSR_JAX:004912

Type: Organism

Proper Citation

RRID:IMSR_JAX:004912

Organism Information

URL: <https://www.jax.org/strain/004912>

Proper Citation: RRID:IMSR_JAX:004912

Description: Mus musculus with name B6.129P2-Akt1^{tm1Mbb}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Akt serine/threonine kinase 1; mutant strain|congenic strain: Akt1

Affected Gene: Akt serine/threonine kinase 1

Genomic Alteration: targeted mutation 1; Morris J Birnbaum

Catalog Number: JAX:004912

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Akt1^{tm1Mbb}/J

Record Creation Time: 20250513T053647+0000

Record Last Update: 20260808T050848+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Akt1^{tm1Mbb}/J.

No alerts have been found for B6.129P2-Akt1^{tm1Mbb}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Simoes DCM, et al. (2022) An integrin axis induces IFN- γ production in plasmacytoid dendritic cells. The Journal of cell biology, 221(9).

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

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