

Resource Summary Report

Generated by [nidm-terms](#) on Aug 16, 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: 20260815T050559+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 [nidm-terms](#) .

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.