

# Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

## B6.129-Akt2<sup>tm1.2Mbb</sup>/J

RRID:IMSR\_JAX:026475

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:026475

### Organism Information

**URL:** <https://www.jax.org/strain/026475>

**Proper Citation:** RRID:IMSR\_JAX:026475

**Description:** Mus musculus with name B6.129-Akt2<sup>tm1.2Mbb</sup>/J from IMSR.

**Species:** Mus musculus

**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 1.2; Morris J Birnbaum

**Catalog Number:** JAX:026475

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129-Akt2<sup>tm1.2Mbb</sup>/J

**Record Creation Time:** 20250513T053757+0000

**Record Last Update:** 20260912T060538+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129-Akt2<sup>tm1.2Mbb</sup>/J.

No alerts have been found for B6.129-Akt2<sup>tm1.2Mbb</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ha JM, et al. (2022) Akt1-dependent expression of angiopoietin 1 and 2 in vascular smooth muscle cells leads to vascular stabilization. *Experimental & molecular medicine*, 54(8), 1133.

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