

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

[Akap5^{tm1Mdaq}/Akap5^{tm1Mdaq}](#)

RRID:MGI:5448696

Type: Organism

Proper Citation

RRID:MGI:5448696

Organism Information

URL:

Proper Citation: RRID:MGI:5448696

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: decreased insulin secretion, decreased circulating insulin level, improved glucose tolerance, increased insulin sensitivity

Affected Gene: Akap5

Genomic Alteration: tm1Mdaq

Catalog Number: 5448696

Background: involves: 129 * C57BL/6 * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22940692](#)

Organism Name: Akap5^{tm1Mdaq}/Akap5^{tm1Mdaq}

Record Creation Time: 20240120T190130+0000

Record Last Update: 20240130T201730+0000

Ratings and Alerts

No rating or validation information has been found for Akap5^{tm1Mdaq}/Akap5^{tm1Mdaq}.

No alerts have been found for Akap5^{tm1Mdaq}/Akap5^{tm1Mdaq}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Sanderson JL, et al. (2018) Control of Homeostatic Synaptic Plasticity by AKAP-Anchored Kinase and Phosphatase Regulation of Ca²⁺-Permeable AMPA Receptors. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(11), 2863.