

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Gpr68^{tm1Yaxu}/Gpr68^{tm1Yaxu}](#)

RRID:MGI:3849480

Type: Organism

Proper Citation

RRID:MGI:3849480

Organism Information

URL:

Proper Citation: RRID:MGI:3849480

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

Species: Mus musculus

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

Phenotype: abnormal osteoclast differentiation, decreased brown adipose tissue amount, abnormal macrophage physiology, decreased monocyte cell number, abnormal brown adipose tissue morphology, abnormal osteoclast physiology, increased tumor growth/size

Affected Gene: Gpr68

Genomic Alteration: tm1Yaxu

Catalog Number: 3849480

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19479052](#)

Organism Name: Gpr68^{tm1Yaxu}/Gpr68^{tm1Yaxu}

Record Creation Time: 20240120T190335+0000

Record Last Update: 20240130T201842+0000

Ratings and Alerts

No rating or validation information has been found for Gpr68^{tm1Yaxu}/Gpr68^{tm1Yaxu}.

No alerts have been found for Gpr68^{tm1Yaxu}/Gpr68^{tm1Yaxu}.

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](#) .

Zhou G, et al. (2021) GPR68 Contributes to Persistent Acidosis-Induced Activation of AGC Kinases and Tyrosine Phosphorylation in Organotypic Hippocampal Slices. *Frontiers in neuroscience*, 15, 692217.