

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 12, 2026

STOCK Gabrg2^{tm2Lusc}/J

RRID:IMSR_JAX:016830

Type: Organism

Proper Citation

RRID:IMSR_JAX:016830

Organism Information

URL: <https://www.jax.org/strain/016830>

Proper Citation: RRID:IMSR_JAX:016830

Description: Mus musculus with name STOCK Gabrg2^{tm2Lusc}/J from IMSR.

Species: Mus musculus

Synonyms: 129X1.Cg-Gabrg2/J

Notes: gene symbol note: gamma-aminobutyric acid type A receptor; subunit gamma 2;
mutant stock: Gabrg2

Affected Gene: gamma-aminobutyric acid type A receptor; subunit gamma 2

Genomic Alteration: targeted mutation 2; Bernhard Luscher

Catalog Number: JAX:016830

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Gabrg2^{tm2Lusc}/J

Record Creation Time: 20250513T053730+0000

Record Last Update: 20260808T050935+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Gabrg2^{tm2Lusc}/J.

No alerts have been found for STOCK Gabrg2^{tm2Lusc}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Nagy J, et al. (2021) GABAA presynaptic inhibition regulates the gain and kinetics of retinal output neurons. eLife, 10.

Zhang C, et al. (2017) Reduced GABAergic transmission in the ventrobasal thalamus contributes to thermal hyperalgesia in chronic inflammatory pain. Scientific reports, 7, 41439.

Yamasaki T, et al. (2017) GARLH Family Proteins Stabilize GABAA Receptors at Synapses. Neuron, 93(5), 1138.

Leppä E, et al. (2016) Increased Motor-Impairing Effects of the Neuroactive Steroid Pregnanolone in Mice with Targeted Inactivation of the GABAA Receptor $\alpha 2$ Subunit in the Cerebellum. Frontiers in pharmacology, 7, 403.