



## Gabrb3 knockout rat

Model	Gabrb3 knockout rat
Strain	HsdSage:SD- Gabrb3 <sup>tm1Sage</sup>
Location	U.S.
Availability	Cryopreserved

### Characteristics/husbandry

- + This model was created in collaboration with Autism Speaks
- + 8 bp deletion in Gabrb3
- + Background Strain: Sprague-Dawley

### Zygoty genotype

- + Cryopreserved as heterozygous embryos

### Research use

- + Autism
- + Prader-Willi syndrome
- + Epilepsy

### Origin

The Gabrb3 knockout rat model was originally created at SAGE Labs, Inc. in St. Louis, MO and distributed out of the Boyertown, PA facility. The line continues to be maintained through the original SAGE Labs animal inventory acquired by Envigo.

### Description

Generated in conjunction with Autism Speaks, this knockout rat model possesses an 8 bp deletion in the gamma-aminobutyric acid type A receptor beta3 subunit protein encoded by the Gabrb3 gene. Gabrb3 has been associated with several disorders including Prader-Willi syndrome, epilepsy, and autism.

## Contact us

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