

# Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

[Rab27a<sup>ash</sup>/Rab27a<sup>ash</sup>; Rab27b<sup>tm1.2Seab</sup>/Rab27b<sup>tm1.2Seab</sup>](#)

RRID:MGI:3711074

Type: Organism

## Proper Citation

RRID:MGI:3711074

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3711074

**Description:** Allele Detail: Targeted, Spontaneous This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted, Spontaneous This is a legacy resource.

**Phenotype:** decreased platelet dense granule number, abnormal pulmonary alveolar system morphology, abnormal bronchus epithelium morphology, decreased platelet serotonin level, abnormal platelet dense granule physiology, decreased platelet aggregation, abnormal blood coagulation, abnormal Clara cell morphology

**Affected Gene:** Rab27b, Rab27a

**Genomic Alteration:** tm1.2Seab, ash

**Catalog Number:** 3711074

**Background:** involves: 129X1/SvJ \* C3H/HeSn \* C57BL/6J

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:21160031](#), [PMID:17384153](#)

**Organism Name:** Rab27a<sup>ash</sup>/Rab27a<sup>ash</sup>; Rab27b<sup>tm1.2Seab</sup>/Rab27b<sup>tm1.2Seab</sup>

**Record Creation Time:** 20240120T190522+0000

**Record Last Update:** 20240130T201942+0000

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## Ratings and Alerts

No rating or validation information has been found for Rab27a<sup>ash</sup>/Rab27a<sup>ash</sup>; Rab27b<sup>tm1.2Seab</sup>/Rab27b<sup>tm1.2Seab</sup>.

No alerts have been found for Rab27a<sup>ash</sup>/Rab27a<sup>ash</sup>; Rab27b<sup>tm1.2Seab</sup>/Rab27b<sup>tm1.2Seab</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.