

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Rab27a^{ash}](#)/[Rab27a^{ash}](#)

RRID:MGI:3640189

Type: Organism

Proper Citation

RRID:MGI:3640189

Organism Information

URL:

Proper Citation: RRID:MGI:3640189

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

Species: Mus musculus

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

Phenotype: abnormal NK cell degranulation, abnormal coat/hair pigmentation, abnormal skin pigmentation, diluted coat color, impaired natural killer cell mediated cytotoxicity, increased bleeding time, integument phenotype, decreased platelet dense granule number, vision/eye phenotype, decreased platelet serotonin level, immune system phenotype, decreased cytotoxic T cell cytolysis, decreased cytotoxic T cell cytolysis, abnormal melanocyte morphology, abnormal Harderian gland pigmentation, abnormal vesicle-mediated transport, abnormal melanosome transport

Affected Gene: Rab27a

Genomic Alteration: ash

Catalog Number: 3640189

Background: involves: C3H/HeDiSn

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11266473](#), [PMID:10859366](#), [PMID:11228153](#), [PMID:11266472](#)

Organism Name: Rab27a^{ash}/Rab27a^{ash}

Record Creation Time: 20240120T190552+0000

Record Last Update: 20240130T202000+0000

Ratings and Alerts

No rating or validation information has been found for Rab27a^{ash}/Rab27a^{ash}.

No alerts have been found for Rab27a^{ash}/Rab27a^{ash}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.