

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Ank1^{nb}](#)/[Ank1^{nb}](#)

RRID:MGI:3766445

Type: Organism

Proper Citation

RRID:MGI:3766445

Organism Information

URL:

Proper Citation: RRID:MGI:3766445

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

Species: Mus musculus

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

Phenotype: reticulocytosis, spherocytosis, abnormal iron homeostasis, low mean erythrocyte cell number, microcytic anemia, poikilocytosis, hemosiderosis, increased liver iron level, abnormal erythrocyte morphology, abnormal kidney iron level, abnormal erythrocyte physiology, anisocytosis, increased erythrocyte protoporphyrin level, stomatocytosis, acanthocytosis, abnormal erythrocyte morphology, anisopoikilocytosis, decreased susceptibility to parasitic infection, microcytosis, reticulocytosis, abnormal erythrocyte morphology, abnormal erythrocyte morphology

Affected Gene: Ank1

Genomic Alteration: nb

Catalog Number: 3766445

Background: involves: C57BL/6J * WB/Re

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:658175](#), [PMID:9236006](#), [PMID:6234993](#), [PMID:7492791](#), [PMID:1391963](#), [PMID:1832936](#)

Organism Name: Ank1^{nb}/Ank1^{nb}

Record Creation Time: 20240120T190453+0000

Record Last Update: 20240130T201927+0000

Ratings and Alerts

No rating or validation information has been found for Ank1^{nb}/Ank1^{nb}.

No alerts have been found for Ank1^{nb}/Ank1^{nb}.

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.