

Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

WBN/KobSlc

RRID:RGD_634369

Type: Organism

Proper Citation

RRID:RGD_634369

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=634369>

Proper Citation: RRID:RGD_634369

Description: Rattus norvegicus with name WBN/KobSlc from RGD.

Species: Rattus norvegicus

Notes: This strain carries the body weight QTLs Bw12 and Bw13, the chronic pancreatitis and diabetes mellitus QTL Cpdm1 and the pancreas inflammation QTL Pi1. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 634369

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals

Alternate IDs: 634369

Organism Name: WBN/KobSlc

Record Creation Time: 20230509T191930+0000

Record Last Update: 20260905T135211+0000

Ratings and Alerts

No rating or validation information has been found for WBN/KobSlc.

No alerts have been found for WBN/KobSlc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ozaki K, et al. (2020) Superimposition of hypertension on diabetic peripheral neuropathy affects small unmyelinated sensory nerves in the skin and myelinated tibial and sural nerves in rats with alloxan-induced type 1 diabetes. Journal of toxicologic pathology, 33(3), 161.

Ozaki K, et al. (2018) Effect of combined dyslipidemia and hyperglycemia on diabetic peripheral neuropathy in alloxan-induced diabetic WBN/Kob rats. Journal of toxicologic pathology, 31(2), 125.

Ozaki K, et al. (2016) Effect of deoxycorticosterone acetate-salt-induced hypertension on diabetic peripheral neuropathy in alloxan-induced diabetic WBN/Kob rats. Journal of toxicologic pathology, 29(1), 1.

Sano T, et al. (2014) A novel diabetic murine model of Candida albicans-induced mucosal inflammation and proliferation. Journal of diabetes research, 2014, 509325.

Ozaki K, et al. (2013) Insulin-ameliorated peripheral motor neuropathy in spontaneously diabetic WBN/Kob rats. The Journal of veterinary medical science, 75(10), 1323.

Sano T, et al. (2009) Malignant Lymphoma with Severe Infiltrative Growth into Skeletal Muscles in WBN/Kob Rats. Journal of toxicologic pathology, 22(3), 173.