

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

RB689

RRID:WB-STRAIN:WBStrain00031427

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031427

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031427>

Proper Citation: RRID:WB-STRAIN:WBStrain00031427

Description: Caenorhabditis elegans with name pak-1(ok448) X. from WB.

Species: Caenorhabditis elegans

Synonyms: pak-1(ok448) X.

Notes: C09B8.7. Homozygous. Outer Left Sequence: GAGGAATGGATGCGTAAGGA. Outer Right Sequence: AGCCAGAAGCAACCAAGAAA. Inner Left Sequence: CCGACCATCGATTTTCAACT. Inner Right Sequence: GGAAGCGTCAGAAAAACCAG. Inner primer WT PCR product: 3211.|"Made_by: OMRF Knockout Group"|"Mutagen:UV/TMP"|"Supplementary_genotype pak-1 (ok448)X"|"This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."

Affected Gene: WBGene00003911(pak-1)

Genomic Alteration: WBGene00003911(pak-1)

Catalog Number: WB-STRAIN:WBStrain00031427

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37603562](#)

Alternate IDs: WB-STRAIN:RB689, CGC_RB689

Organism Name: RB689

Record Creation Time: 20230227T013616+0000

Record Last Update: 20260808T171408+0000

Ratings and Alerts

No rating or validation information has been found for RB689.

No alerts have been found for RB689.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Sagadiev S, et al. (2026) IPMK-1 (inositol phosphate multikinase) is required for integrin adhesion complex organization and muscle cell adhesion in *Caenorhabditis elegans*. *Genetics*, 233(1).

Puri D, et al. (2023) Muscleblind-1 interacts with tubulin mRNAs to regulate the microtubule cytoskeleton in *C. elegans* mechanosensory neurons. *PLoS genetics*, 19(8), e1010885.