Resource Summary Report

Generated by dkNET on Sep 6, 2026

y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7.T22N}06

RRID:BDSC_9778
Type: Organism

Proper Citation

RRID:BDSC_9778

Organism Information

URL: https://n2t.net/bdsc:9778

Proper Citation: RRID:BDSC_9778

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7.T22N}06 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: Rab7, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 9778

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9778, BDSC:9778, BL9778

Organism Name: y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7.T22N}06

Record Creation Time: 20240911T222227+0000

Record Last Update: 20260905T135905+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7.T22N}06.

No alerts have been found for y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7.T22N}06.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Janz M, et al. (2026) Endosomal maturation is controlled by the trimeric Bulli-Mon1-Ccz1 Rab7 GEF complex and the Rab5 GTPase-activating protein GAPsec. Journal of cell science, 139(9).

Wang Z, et al. (2025) Poldip2 promotes mtDNA elimination during Drosophila spermatogenesis to ensure maternal inheritance. The EMBO journal, 44(6), 1724.

Dong KX, et al. (2025) Endosome-associated Rab GTPases control distinct aspects of neural circuit assembly. bioRxiv : the preprint server for biology.

Zhang P, et al. (2024) Inhibition of S6K lowers age-related inflammation and increases lifespan through the endolysosomal system. Nature aging, 4(4), 491.

Kim SM, et al. (2024) Rab11 suppresses neuronal stress signaling by localizing dual leucine zipper kinase to axon terminals for protein turnover. eLife, 13.

Yu Y, et al. (2024) Endolysosomal trafficking controls yolk granule biogenesis in vitellogenic Drosophila oocytes. PLoS genetics, 20(2), e1011152.

Reed S, et al. (2022) Toll-Dorsal signaling regulates the spatiotemporal dynamics of yolk granule tubulation during Drosophila cleavage. Developmental biology, 481, 64.

Lambert E, et al. (2022) The Alzheimer susceptibility gene BIN1 induces isoform-dependent neurotoxicity through early endosome defects. Acta neuropathologica communications, 10(1), 4.

Hu L, et al. (2022) Myotubularin functions through actomyosin to interact with the Hippo pathway. EMBO reports, 23(12), e55851.

R??os-Barrera LD, et al. (2022) An endosome-associated actin network involved in directed apical plasma membrane growth. The Journal of cell biology, 221(3).

Lang K, et al. (2022) Selective endocytosis controls slit diaphragm maintenance and dynamics in Drosophila nephrocytes. eLife, 11.

Wang M, et al. (2021) Intracellular trafficking of Notch orchestrates temporal dynamics of Notch activity in the fly brain. Nature communications, 12(1), 2083.

Guan Z, et al. (2020) Drosophila Synaptotagmin 7 negatively regulates synaptic vesicle release and replenishment in a dosage-dependent manner. eLife, 9.

Cunningham KM, et al. (2020) TFEB/Mitf links impaired nuclear import to autophagolysosomal dysfunction in C9-ALS. eLife, 9.

Peterson NG, et al. (2020) Cytoplasmic sharing through apical membrane remodeling. eLife, 9.

Harish RK, et al. (2019) Monensin Sensitive 1 Regulates Dendritic Arborization in Drosophila by Modulating Endocytic Flux. Frontiers in cell and developmental biology, 7, 145.

Xu C, et al. (2019) The Septate Junction Protein Tsp2A Restricts Intestinal Stem Cell Activity via Endocytic Regulation of aPKC and Hippo Signaling. Cell reports, 26(3), 670.

Li B, et al. (2018) The retromer complex safeguards against neural progenitor-derived tumorigenesis by regulating Notch receptor trafficking. eLife, 7.