

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 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.

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).

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

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.

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

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