

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.SciCrunch.org) on Apr 29, 2025

LAMTOR4/C7orf59 (D6A4V) Rabbit mAb

RRID:AB_2797870

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12284, RRID:AB_2797870)

Antibody Information

URL: http://antibodyregistry.org/AB_2797870

Proper Citation: (Cell Signaling Technology Cat# 12284, RRID:AB_2797870)

Target Antigen: LAMTOR4

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC

Antibody Name: LAMTOR4/C7orf59 (D6A4V) Rabbit mAb

Description: This monoclonal targets LAMTOR4

Target Organism: h, m, r, mk

Clone ID: Clone D6A4V

Antibody ID: AB_2797870

Vendor: Cell Signaling Technology

Catalog Number: 12284

Record Creation Time: 20231110T032815+0000

Record Last Update: 20240725T014524+0000

Ratings and Alerts

No rating or validation information has been found for LAMTOR4/C7orf59 (D6A4V) Rabbit mAb.

No alerts have been found for LAMTOR4/C7orf59 (D6A4V) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Robinson BP, et al. (2024) Septin-coated microtubules promote maturation of multivesicular bodies by inhibiting their motility. The Journal of cell biology, 223(8).

Abudu YP, et al. (2024) MORG1 limits mTORC1 signaling by inhibiting Rag GTPases. Molecular cell, 84(3), 552.

Sun J, et al. (2022) LAMTOR1 inhibition of TRPML1-dependent lysosomal calcium release regulates dendritic lysosome trafficking and hippocampal neuronal function. The EMBO journal, 41(5), e108119.

Chen F, et al. (2022) Self-assembly of pericentriolar material in interphase cells lacking centrioles. eLife, 11.

Özkan N, et al. (2021) ER - lysosome contacts at a pre-axonal region regulate axonal lysosome availability. Nature communications, 12(1), 4493.

Hooikaas PJ, et al. (2020) Kinesin-4 KIF21B limits microtubule growth to allow rapid centrosome polarization in T cells. eLife, 9.

De Pace R, et al. (2020) Synaptic Vesicle Precursors and Lysosomes Are Transported by Different Mechanisms in the Axon of Mammalian Neurons. Cell reports, 31(11), 107775.