

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

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: 20260422T220434+0000

Record Last Update: 20260828T180039+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 [NIF](#) .

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.

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.

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