Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 25, 2025

MARK4 Antibody

RRID:AB_2140610 Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4834, RRID:AB_2140610)

Antibody Information

URL: http://antibodyregistry.org/AB_2140610

Proper Citation: (Cell Signaling Technology Cat# 4834, RRID:AB_2140610)

Target Antigen: MARK4

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 9/2016: AB_10694502.

Antibody Name: MARK4 Antibody

Description: This polyclonal targets MARK4

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_2140610

Vendor: Cell Signaling Technology

Catalog Number: 4834

Alternative Catalog Numbers: 4834S

Record Creation Time: 20231110T070213+0000

Record Last Update: 20241115T060319+0000

Ratings and Alerts

No rating or validation information has been found for MARK4 Antibody.

No alerts have been found for MARK4 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Sultanakhmetov G, et al. (2024) Mark4 ablation attenuates pathological phenotypes in a mouse model of tauopathy. Brain communications, 6(3), fcae136.

Tang EI, et al. (2022) MARK2 and MARK4 Regulate Sertoli Cell BTB Dynamics Through Microtubule and Actin Cytoskeletons. Endocrinology, 163(11).

Li L, et al. (2022) PCP Protein Inversin Regulates Testis Function Through Changes in Cytoskeletal Organization of Actin and Microtubules. Endocrinology, 163(4).

Imai S, et al. (2021) Helicobacter pylori CagA elicits BRCAness to induce genome instability that may underlie bacterial gastric carcinogenesis. Cell host & microbe, 29(6), 941.

Wu S, et al. (2021) KIF15 supports spermatogenesis via its effects on Sertoli cell microtubule, actin, vimentin, and septin cytoskeletons. Endocrinology, 162(4).

Wang L, et al. (2021) The Non-hormonal Male Contraceptive Adjudin Exerts its Effects via MAPs and Signaling Proteins mTORC1/rpS6 and FAK-Y407. Endocrinology, 162(1).

Wu S, et al. (2021) AKAP9 supports spermatogenesis through its effects on microtubule and actin cytoskeletons in the rat testis. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(10), e21925.

Li H, et al. (2020) NC1-Peptide From Collagen ?3 (IV) Chains in the Basement Membrane of Testes Regulates Spermatogenesis via p-FAK-Y407. Endocrinology, 161(10).

Liu S, et al. (2020) NC1-peptide regulates spermatogenesis through changes in cytoskeletal organization mediated by EB1. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(2), 3105.

Su W, et al. (2019) Cdc42 is involved in NC1 peptide-regulated BTB dynamics through actin and microtubule cytoskeletal reorganization. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 33(12), 14461. Wu S, et al. (2019) mTORC1/rpS6 and spermatogenic function in the testis-insights from the adjudin model. Reproductive toxicology (Elmsford, N.Y.), 89, 54.

Li L, et al. (2019) Planar cell polarity protein Dishevelled 3 (Dvl3) regulates ectoplasmic specialization (ES) dynamics in the testis through changes in cytoskeletal organization. Cell death & disease, 10(3), 194.

Yan M, et al. (2019) mTORC1/rpS6 signaling complex modifies BTB transport function: an in vivo study using the adjudin model. American journal of physiology. Endocrinology and metabolism, 317(1), E121.

Wen Q, et al. (2018) Dynein 1 supports spermatid transport and spermiation during spermatogenesis in the rat testis. American journal of physiology. Endocrinology and metabolism, 315(5), E924.

Li L, et al. (2017) Sperm Release at Spermiation Is Regulated by Changes in the Organization of Actin- and Microtubule-Based Cytoskeletons at the Apical Ectoplasmic Specialization-A Study Using the Adjudin Model. Endocrinology, 158(12), 4300.

Li N, et al. (2016) Formin 1 Regulates Microtubule and F-Actin Organization to Support Spermatid Transport During Spermatogenesis in the Rat Testis. Endocrinology, 157(7), 2894.