Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 18, 2025

MGEA5 antibody

RRID:AB_2143063
Type: Antibody

Proper Citation

(Proteintech Cat# 14711-1-AP, RRID:AB_2143063)

Antibody Information

URL: http://antibodyregistry.org/AB_2143063

Proper Citation: (Proteintech Cat# 14711-1-AP, RRID:AB_2143063)

Target Antigen: MGEA5

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IP, IHC, IF, ChIP, ELISA

Antibody Name: MGEA5 antibody

Description: This polyclonal targets MGEA5

Target Organism: rat, pig, mouse, drosophila, human

Antibody ID: AB_2143063

Vendor: Proteintech

Catalog Number: 14711-1-AP

Record Creation Time: 20231110T073824+0000

Record Last Update: 20241115T014638+0000

Ratings and Alerts

No rating or validation information has been found for MGEA5 antibody.

No alerts have been found for MGEA5 antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Yu SB, et al. (2024) Neuronal activity-driven O-GlcNAcylation promotes mitochondrial plasticity. Developmental cell, 59(16), 2143.

Hui Y, et al. (2024) O-GlcNAcylation of circadian clock protein Bmal1 impairs cognitive function in diabetic mice. The EMBO journal, 43(22), 5667.

Kweon TH, et al. (2024) O-GlcNAcylation of RBM14 contributes to elevated cellular O-GlcNAc through regulation of OGA protein stability. Cell reports, 43(5), 114163.

Hui Y, et al. (2024) High glucose impairs cognitive function through inducing mitochondrial calcium overload in Treg cells. iScience, 27(1), 108689.

Dong W, et al. (2024) O-GlcNAc Modification Is a Promising Therapeutic Target for Diabetic Retinopathy. International journal of molecular sciences, 25(11).

Bell MB, et al. (2023) Relationships between gene expression and behavior in mice in response to systemic modulation of the O-GlcNAcylation pathway. Journal of neurochemistry, 165(5), 682.

Gupta S, et al. (2023) Cognitive dysfunction and increased phosphorylated tau are associated with reduced O-GlcNAc signaling in an aging mouse model of metabolic syndrome. Journal of neuroscience research.

Yang D, et al. (2022) Branched-chain amino acid catabolism breaks glutamine addiction to sustain hepatocellular carcinoma progression. Cell reports, 41(8), 111691.

Song T, et al. (2021) DOT1L O-GlcNAcylation promotes its protein stability and MLL-fusion leukemia cell proliferation. Cell reports, 36(12), 109739.

Liu J, et al. (2021) Quantitative chemoproteomics reveals O-GlcNAcylation of cystathionine ?-lyase (CSE) represses trophoblast syncytialization. Cell chemical biology, 28(6), 788.

Lee Y, et al. (2020) Sleep deprivation impairs learning and memory by decreasing protein O-GlcNAcylation in the brain of adult zebrafish. FASEB journal : official publication of the

Federation of American Societies for Experimental Biology, 34(1), 853.