Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 1, 2025

Anti-Melanocyte Stimulating Hormone, alpha

RRID:AB_91683 Type: Antibody

Proper Citation

(Millipore Cat# AB5087, RRID:AB_91683)

Antibody Information

URL: http://antibodyregistry.org/AB_91683

Proper Citation: (Millipore Cat# AB5087, RRID:AB_91683)

Target Antigen: Melanocyte Stimulating Hormone alpha

Clonality: polyclonal

Comments: seller recommendations: IH, RIA; Radioimmunoassay; Immunohistochemistry

Antibody Name: Anti-Melanocyte Stimulating Hormone, alpha

Description: This polyclonal targets Melanocyte Stimulating Hormone alpha

Target Organism: ma

Defining Citation: PMID:23696474, PMID:20533364

Antibody ID: AB_91683

Vendor: Millipore

Catalog Number: AB5087

Record Creation Time: 20241017T003710+0000

Record Last Update: 20241017T022739+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Melanocyte Stimulating Hormone, alpha.

No alerts have been found for Anti-Melanocyte Stimulating Hormone, alpha.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Yin K, et al. (2024) Tak1 licenses mitochondrial transfer from astrocytes to POMC neurons to maintain glucose and cholesterol homeostasis. Cell reports, 43(12), 114983.

Oya M, et al. (2024) Age-related ciliopathy: Obesogenic shortening of melanocortin-4 receptor-bearing neuronal primary cilia. Cell metabolism.

de Souza GO, et al. (2022) Characterization of the metabolic differences between male and female C57BL/6 mice. Life sciences, 301, 120636.

Shakya M, et al. (2022) The G209R mutant mouse as a model for human PCSK1 polyendocrinopathy. Endocrinology, 163(5).

Kang GM, et al. (2021) Mitohormesis in Hypothalamic POMC Neurons Mediates Regular Exercise-Induced High-Turnover Metabolism. Cell metabolism, 33(2), 334.

Xu H, et al. (2021) Activation of the Melanocortin-4 receptor signaling by ?-MSH stimulates nerve-dependent mouse digit regeneration. Cell regeneration (London, England), 10(1), 19.

Jin S, et al. (2021) Drp1 is required for AgRP neuronal activity and feeding. eLife, 10.

Surbhi, et al. (2021) Adult-born proopiomelanocortin neurons derived from Rax-expressing precursors mitigate the metabolic effects of congenital hypothalamic proopiomelanocortin deficiency. Molecular metabolism, 53, 101312.

Quaresma PGF, et al. (2021) Leptin Receptor Expression in GABAergic Cells is Not Sufficient to Normalize Metabolism and Reproduction in Mice. Endocrinology, 162(11).

Shakya M, et al. (2021) Mice lacking PC1/3 expression in POMC-expressing cells do not develop obesity. Endocrinology, 162(6).

Ortuño MJ, et al. (2021) Melanocortin 4 receptor stimulation prevents antidepressantassociated weight gain in mice caused by long-term fluoxetine exposure. The Journal of clinical investigation, 131(24).

Gómez-Valadés AG, et al. (2021) Mitochondrial cristae-remodeling protein OPA1 in POMC neurons couples Ca2+ homeostasis with adipose tissue lipolysis. Cell metabolism, 33(9), 1820.

Bruschetta G, et al. (2020) MC4R Signaling in Dorsal Raphe Nucleus Controls Feeding, Anxiety, and Depression. Cell reports, 33(2), 108267.

Diniz GB, et al. (2020) Ciliary melanin-concentrating hormone receptor 1 (MCHR1) is widely distributed in the murine CNS in a sex-independent manner. Journal of neuroscience research, 98(10), 2045.

Rocha MLM, et al. (2020) Malnourishment during early lactation disrupts the ontogenetic distribution of the CART and ?-MSH anorexigenic molecules in the arcuate/paraventricular pathway and lateral hypothalamus in male rats. Brain research, 1743, 146906.

Campos AMP, et al. (2020) Differences between rats and mice in the leptin action on the paraventricular nucleus of the hypothalamus: Implications for the regulation of the hypothalamic-pituitary-thyroid axis. Journal of neuroendocrinology, 32(9), e12895.

Jarvela TS, et al. (2019) Reduced Stability and pH-Dependent Activity of a Common Obesity-Linked PCSK1 Polymorphism, N221D. Endocrinology, 160(11), 2630.

van der Klaauw AA, et al. (2019) Human Semaphorin 3 Variants Link Melanocortin Circuit Development and Energy Balance. Cell, 176(4), 729.

Wee CL, et al. (2019) A bidirectional network for appetite control in larval zebrafish. eLife, 8.

Kamitakahara A, et al. (2018) A critical period for the trophic actions of leptin on AgRP neurons in the arcuate nucleus of the hypothalamus. The Journal of comparative neurology, 526(1), 133.