Resource Summary Report

Generated by RRID on Aug 7, 2026

Sheep Anti-Melanocyte Stimulating Hormone, alpha (alpha-MSH) Polyclonal antibody, Unconjugated

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 (alpha-MSH)

Host Organism: sheep

Clonality: polyclonal

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

Antibody Name: Sheep Anti-Melanocyte Stimulating Hormone, alpha (alpha-MSH) Polyclonal antibody, Unconjugated

Description: This polyclonal targets Melanocyte Stimulating Hormone, alpha (alpha-MSH)

Target Organism: other, feline, rat, hamster, simian, donkey, porcine, canine, horse, mouse, mammals, rabbit, bovine, human, sheep

Defining Citation: PMID:23696474, PMID:20533364

Antibody ID: AB_91683

Vendor: Millipore

Catalog Number: AB5087

Record Creation Time: 20250820T004554+0000

Record Last Update: 20250820T090818+0000

Ratings and Alerts

No rating or validation information has been found for Sheep Anti-Melanocyte Stimulating Hormone, alpha (alpha-MSH) Polyclonal antibody, Unconjugated.

No alerts have been found for Sheep Anti-Melanocyte Stimulating Hormone, alpha (alpha-MSH) Polyclonal antibody, Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Abay-Nørgaard Z, et al. (2026) Generation of human appetite-regulating neurons and tanycytes from pluripotent stem cells. Cell stem cell, 33(7), 1174.

Shen Y, et al. (2025) m6A deficiency impairs hypothalamic neurogenesis of feeding-related neurons in mice and human organoids and leads to adult obesity in mice. Cell stem cell, 32(5), 727.

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

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.

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).

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.

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

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

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 antidepressant-associated 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.

Singh O, et al. (2020) Concurrent changes in photoperiod-induced seasonal phenotypes and hypothalamic CART peptide-containing systems in night-migratory redheaded buntings. Brain structure & function, 225(9), 2775.

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.

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

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.

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

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