Resource Summary Report

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Alpha-MSH (Melanocyte Stimulating Hormone) Antibody

RRID:AB_572218 Type: Antibody

Proper Citation

(ImmunoStar Cat# 20074, RRID:AB_572218)

Antibody Information

URL: http://antibodyregistry.org/AB_572218

Proper Citation: (ImmunoStar Cat# 20074, RRID:AB_572218)

Target Antigen: alpha-MSH

Host Organism: rabbit

Clonality: polyclonal

Comments: Manufacturer Applications: Immunohistochemistry, Immunocytochemistry, Immunofluoresence; Note, The Alpha-MSH Antibody was raised to synthetic human a-MSH coupled to bovine thyroglobulin with glutaraldehyde. The ImmunoStar alpha melanocyte stimulating hormone antiserum was quality control tested using standard immunohistochemical methods. The antiserum demonstrates strongly positive labeling of rat pituitary using indirect immunofluorescent and biotin/avidin-HRP techniques. Recommended primary dilutions are 1/100-1/200 in PBS/0.3% Triton X-100 - FITC Technique and 1/4000-1/6000 in PBS/0.3% Triton X-100 - Bn/Av-HRP Technique. Staining is completely eliminated by pretreatment of the diluted antibody with 100 ug/mL of alpha-MSH.; Gene Symbol: alphamsh

Antibody Name: Alpha-MSH (Melanocyte Stimulating Hormone) Antibody

Description: This polyclonal targets alpha-MSH

Target Organism: monkey, rat, hamster, trout, mouse, cat, rabbit, human

Defining Citation:

 PMID:2477226
 PMID:2884200
 PMID:1719162
 PMID:2027006
 PMID:1873028

 PMID:2341616
 PMID:2307979
 PMID:3003774
 PMID:1329074
 PMID:1374480

Antibody ID: AB_572218

Vendor: ImmunoStar

Catalog Number: 20074

Record Creation Time: 20231110T044026+0000

Record Last Update: 20241115T105947+0000

Ratings and Alerts

No rating or validation information has been found for Alpha-MSH (Melanocyte Stimulating Hormone) Antibody.

No alerts have been found for Alpha-MSH (Melanocyte Stimulating Hormone) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Kawabe T, et al. (2012) Effect of barodenervation on cardiovascular responses elicited from the hypothalamic arcuate nucleus of the rat. PloS one, 7(12), e53111.

Farhang B, et al. (2010) The role of the NOP receptor in regulating food intake, meal pattern, and the excitability of proopiomelanocortin neurons. Neuropharmacology, 59(3), 190.

Leitner C, et al. (2009) Acute brown adipose tissue temperature response to cold in monosodium glutamate-treated Siberian hamsters. Brain research, 1292, 38.

Diaz S, et al. (2009) Sex differences in the cannabinoid modulation of appetite, body temperature and neurotransmission at POMC synapses. Neuroendocrinology, 89(4), 424.

Ramaswamy S, et al. (2009) Studies of the localisation of kisspeptin within the pituitary of the rhesus monkey (Macaca mulatta) and the effect of kisspeptin on the release of non-gonadotropic pituitary hormones. Journal of neuroendocrinology, 21(10), 795.

Ryu KY, et al. (2008) Hypothalamic neurodegeneration and adult-onset obesity in mice

lacking the Ubb polyubiquitin gene. Proceedings of the National Academy of Sciences of the United States of America, 105(10), 4016.

Meister B, et al. (2007) Neurotransmitters in key neurons of the hypothalamus that regulate feeding behavior and body weight. Physiology & behavior, 92(1-2), 263.

Nguyen QH, et al. (2006) Estrogen differentially modulates the cannabinoid- induced presynaptic inhibition of amino acid neurotransmission in proopiomelanocortin neurons of the arcuate nucleus. Neuroendocrinology, 84(2), 123.

Xu AW, et al. (2005) PI3K integrates the action of insulin and leptin on hypothalamic neurons. The Journal of clinical investigation, 115(4), 951.

Reyes TM, et al. (2002) Involvement of the arcuate nucleus of the hypothalamus in interleukin-1-induced anorexia. The Journal of neuroscience : the official journal of the Society for Neuroscience, 22(12), 5091.

Sheng HZ, et al. (1997) Multistep control of pituitary organogenesis. Science (New York, N.Y.), 278(5344), 1809.

Frost-Mason S, et al. (1992) Melanotropin as a potential regulator of pigment pattern formation in embryonic skin. Pigment cell research, Suppl 2, 262.

Quinn J, et al. (1992) Novel antigenic determinant expressed in neurons of the dorsolateral hypothalamus in rat and human. Journal of neuroscience research, 31(4), 715.

Carnahan JF, et al. (1991) The generation of monoclonal antibodies that bind preferentially to adrenal chromaffin cells and the cells of embryonic sympathetic ganglia. The Journal of neuroscience : the official journal of the Society for Neuroscience, 11(11), 3493.

O'Shea KS, et al. (1991) Thrombospondin and a 140 kd fragment promote adhesion and neurite outgrowth from embryonic central and peripheral neurons and from PC12 cells. Neuron, 7(2), 231.

Madden J, et al. (1991) Isolation and characterization of opioid peptides from rabbit cerebellum. Journal of neurochemistry, 56(6), 1914.

Ryder EF, et al. (1990) Establishment and characterization of multipotent neural cell lines using retrovirus vector-mediated oncogene transfer. Journal of neurobiology, 21(2), 356.

Sithigorngul P, et al. (1990) Neuropeptide diversity in Ascaris: an immunocytochemical study. The Journal of comparative neurology, 294(3), 362.

Nahon JL, et al. (1989) The rat melanin-concentrating hormone messenger ribonucleic acid encodes multiple putative neuropeptides coexpressed in the dorsolateral hypothalamus. Endocrinology, 125(4), 2056.

Bäck N, et al. (1987) Catecholamine-synthesizing enzymes in the rat pituitary. An immunohistochemical study. Histochemistry, 86(5), 459.