

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 12, 2025

MCH Melanin-concentrating hormone

RRID:AB_2616562

Type: Antibody

Proper Citation

(Risold PY Cat# 1153, RRID:AB_2616562)

Antibody Information

URL: http://antibodyregistry.org/AB_2616562

Proper Citation: (Risold PY Cat# 1153, RRID:AB_2616562)

Target Antigen: Synthetic Salmon MCH; full 17 amino acid sequence:
DTMRKMOVGRVYRPCWEV

Host Organism: rabbit

Clonality: polyclonal

Comments: Antibody prepared in 1987 by Risold and Fellmann, against the synthetic peptide coupled to the bovine serum albumin. Specificity of the antibody has been verified using liquid phase inhibition, dot blot, affinity column. We also verified the co-expression in the same lateral hypothalamic neurons of the peptide by immunohistochemistry and its ARNm by in situ hybridization in several species including rat. Fellmann D, Bugnon C, Risold PY. 1987. Unrelated peptide immunoreactivities coexist in neurons of the rat lateral dorsal hypothalamus: human growth hormone-releasing factor1-37-, salmon melanin-concentrating hormone- and alpha-melanotropin-like substances. *Neurosci Lett* 74:275–280. Risold PY, Fellmann D, Rivier J, Vale W, Bugnon C. 1992. Immunoreactivities for antisera to three putative neuropeptides of the rat melanin-concentrating hormone precursor are coexpressed in neurons of the rat lateral dorsal hypothalamus. *Neurosci Lett* 136:145–149.

Antibody Name: MCH Melanin-concentrating hormone

Description: This polyclonal targets Synthetic Salmon MCH; full 17 amino acid sequence:
DTMRKMOVGRVYRPCWEV

Defining Citation: [PMID:1641182](https://pubmed.ncbi.nlm.nih.gov/1641182/), [PMID:2436110](https://pubmed.ncbi.nlm.nih.gov/2436110/)

Antibody ID: AB_2616562

Vendor: Risold PY

Catalog Number: 1153

Record Creation Time: 20241016T221958+0000

Record Last Update: 20241016T224042+0000

Ratings and Alerts

No rating or validation information has been found for MCH Melanin-concentrating hormone.

No alerts have been found for MCH Melanin-concentrating hormone.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Gaspari S, et al. (2022) Structural and molecular characterization of paraventricular thalamic glucokinase-expressing neuronal circuits in the mouse. The Journal of comparative neurology, 530(11), 1773.

Barbier M, et al. (2021) Projections from the dorsomedial division of the bed nucleus of the stria terminalis to hypothalamic nuclei in the mouse. The Journal of comparative neurology, 529(5), 929.

Barbier M, et al. (2018) Morphofunctional Organization of the Connections From the Medial and Intermediate Parts of the Central Nucleus of the Amygdala Into Distinct Divisions of the Lateral Hypothalamic Area in the Rat. Frontiers in neurology, 9, 688.

Barbier M, et al. (2017) Melanin-concentrating hormone axons, but not orexin or tyrosine hydroxylase axons, innervate the claustrum in the rat: An immunohistochemical study. The Journal of comparative neurology, 525(6), 1489.

Risold PY, et al. (1992) Immunoreactivities for antisera to three putative neuropeptides of the rat melanin-concentrating hormone precursor are coexpressed in neurons of the rat lateral dorsal hypothalamus. Neuroscience letters, 136(2), 145.

Fellmann D, et al. (1987) Unrelated peptide immunoreactivities coexist in neurons of the rat

lateral dorsal hypothalamus: human growth hormone-releasing factor1-37-, salmon melanin-concentrating hormone- and alpha-melanotropin-like substances. Neuroscience letters, 74(3), 275.