

# Resource Summary Report

Generated by [RRID](#) on Aug 14, 2026

## MC4 Receptor antibody

RRID:AB\_2250589

Type: Antibody

### Proper Citation

Abcam Cat# ab24233, RRID:AB\_2250589

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2250589](http://antibodyregistry.org/AB_2250589)

**Proper Citation:** Abcam Cat# ab24233, RRID:AB\_2250589

**Target Antigen:** MC4 Receptor antibody

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: ELISA, IHC-P, WB; Western Blot; Immunohistochemistry - fixed; ELISA; Immunohistochemistry

**Antibody Name:** MC4 Receptor antibody

**Description:** This polyclonal targets MC4 Receptor antibody

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_2250589

**Vendor:** Abcam

**Catalog Number:** ab24233

**Record Creation Time:** 20250820T060148+0000

**Record Last Update:** 20250820T230647+0000

### Ratings and Alerts

No rating or validation information has been found for MC4 Receptor antibody.

No alerts have been found for MC4 Receptor antibody.

## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Lipiec-Borowicz A, et al. (2024) Neuropeptides in the rat claustrum - An immunohistochemical detection. Acta histochemica, 126(3), 152156.

Liu H, et al. (2023) Glutamatergic melanocortin-4 receptor neurons regulate body weight. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 37(5), e22920.

Chen S, et al. (2019) The MC4 receptor agonist RO27-3225 inhibits NLRP1-dependent neuronal pyroptosis via the ASK1/JNK/p38 MAPK pathway in a mouse model of intracerebral haemorrhage. British journal of pharmacology, 176(9), 1341.

Semple E, et al. (2018) Sim1 Neurons Are Sufficient for MC4R-Mediated Sexual Function in Male Mice. Endocrinology, 159(1), 439.

Zhang M, et al. (2018) Melanocortin Receptor 4 Signaling Regulates Vertebrate Limb Regeneration. Developmental cell, 46(4), 397.