

MC1-R Polyclonal Antibody
Catalog # AP70856**Specification**

MC1-R Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	Q01726
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

MC1-R Polyclonal Antibody - Additional Information**Gene ID** 4157**Other Names**

MC1R; MSHR; Melanocyte-stimulating hormone receptor; MSH-R; Melanocortin receptor 1; MC1-R

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MC1-R Polyclonal Antibody - Protein Information**Name** MC1R**Synonyms** MSHR**Function**

Receptor for MSH (alpha, beta and gamma) and ACTH (PubMed:11442765, PubMed:11707265, PubMed:1325670, PubMed:1516719, PubMed:8463333). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:11707265, PubMed:1325670, PubMed:16463023, PubMed:19737927). Mediates melanogenesis, the production of eumelanin (black/brown) and pheomelanin (red/yellow), via

regulation of cAMP signaling in melanocytes (PubMed:31097585).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

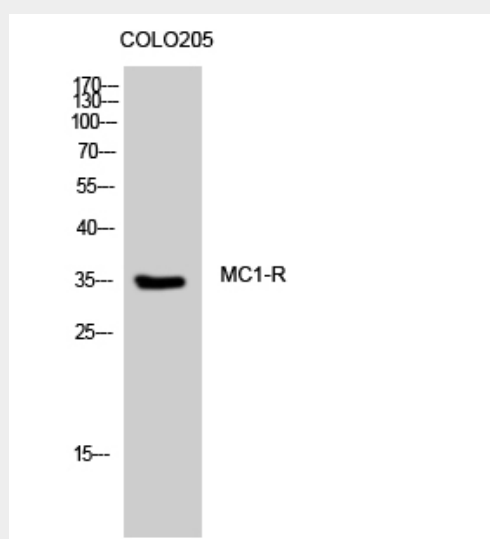
Expressed in melanocytes (PubMed:1325670, PubMed:31097585). Expressed in corticoadrenal tissue (PubMed:1325670)

MC1-R Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MC1-R Polyclonal Antibody - Images



MC1-R Polyclonal Antibody - Background

Receptor for MSH (alpha, beta and gamma) and ACTH. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.