

# MC1-R Polyclonal Antibody

Catalog # AP70856

### **Product Information**

Application WB, IF
Primary Accession Q01726
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 34706

#### **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

#### **Protein Information**

Name MC1R

**Synonyms** MSHR

**Function** Receptor for MSH (alpha, beta and gamma) and ACTH (PubMed: <u>11442765</u>,

PubMed:<u>11707265</u>, PubMed:<u>1325670</u>, PubMed:<u>1516719</u>, PubMed:<u>8463333</u>).

The activity of this receptor is mediated by G proteins which activate

adenylate cyclase (PubMed:<u>11707265</u>, PubMed:<u>1325670</u>, PubMed:<u>16463023</u>, PubMed:<u>19737927</u>). Mediates melanogenesis, the production of eumelanin (black/brown) and phaeomelanin (red/yellow), via regulation of cAMP

signaling in melanocytes (PubMed:31097585).

Cellular Location Cell membrane; Multi-pass membrane protein

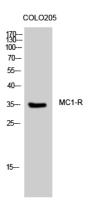
**Tissue Location** Expressed in melanocytes (PubMed:1325670, PubMed:31097585). Expressed

in corticoadrenal tissue (PubMed:1325670)

### **Background**

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

## **Images**



Western Blot analysis of COLO205 cells using MC1-R Polyclonal Antibody

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