

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

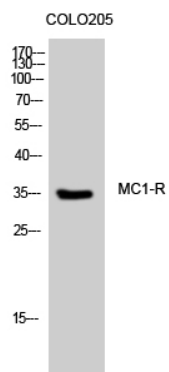
Protein Information

Name	MC1R
Synonyms	MSHR
Function	Receptor for MSH (alpha, beta and gamma) and ACTH (PubMed: 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)

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.