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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MC1R polyclonal antibody (A01)

Catalog # : H00004157-A01

規格 : [50 uL]

List All

Specification	Application Image
Product Description: Mouse polyclonal antibody raised against a partial recombinant MC1R.	ELISA
Immunogen: MC1R (AAH07856, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.	
Sequence: MAVQGSQRRLLGSLNSTPTAIPQLGLAANQTGARCLEVSISDGLFLSLG LVSLVENALVWATIAKNRNLHSPMYCFICCLALSDLLVSGSNVLETAVILL	
Host: Mouse	
Reactivity: Human	
Quality Control Testing: Antibody Reactive Against Recombinant Protein.	
Storage Buffer: 50 % glycerol	
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.	
MSDS:  Download	
Datasheet:  Download	
Applications	
ELISA	
Gene Information	
Entrez GeneID: 4157	
GeneBank Accession#: BC007856	
Protein Accession#: AAH07856	
Gene Name: MC1R	
Gene Alias: MGC14337,MSH-R,SHEP2	
Gene Description: melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)	
Omim ID: 155555 , 203200	
Gene Ontology: Hyperlink	
Gene Summary: This intronless gene encodes the receptor protein for melanocyte-	

stimulating hormone (MSH). The encoded protein, a seven pass transmembrane G protein coupled receptor, controls melanogenesis. Two types of melanin exist: red pheomelanin and black eumelanin. Gene mutations that lead to a loss in function are associated with increased pheomelanin production, which leads to lighter skin and hair color. Eumelanin is photoprotective but pheomelanin may contribute to UV-induced skin damage by generating free radicals upon UV radiation. Binding of MSH to its receptor activates the receptor and stimulates eumelanin synthesis. This receptor is a major determining factor in sun sensitivity and is a genetic risk factor for melanoma and non-melanoma skin cancer. Over 30 variant alleles have been identified which correlate with skin and hair color, providing evidence that this gene is an important component in determining normal human pigment variation. [provided by RefSeq]

Other melanocortin 1 receptor, melanocyte stimulating hormone
Designations: receptor, melanotropin receptor

Gene Pathway

[Melanogenesis](#) [Neuroactive ligand-receptor interaction](#)

Related Disease

[Acute Disease](#) [Adenocarcinoma](#) [Adenocarcinoma, Follicular](#) [Albinism](#) [Oculocutaneous Bone Neoplasms](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma, Basal Cell](#) [Carcinoma, Papillary](#) [Carcinoma, Squamous Cell](#) [Disease Susceptibility](#) [Dysplastic Nevus Syndrome](#) [Epstein-Barr Virus Infections](#) [Erythema](#) [Eye Neoplasms](#) [Genetic Determinism](#) [Genetic Predisposition to Disease](#) [Lymphoma, Follicular](#) [Lymphoma, Large B-Cell, Diffuse](#)

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