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MC5R Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18970b

Specification

MC5R Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P33032
Other Accession	P56451, B0V1P1, NP_005904.1, P41983
Reactivity	**Human**
Predicted	**Zebrafish, Bovine, Sheep**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**36601**
Antigen Region	**280-308**

MC5R Antibody (C-term) - Additional Information

Gene ID 4161

Other Names
Melanocortin receptor 5, MC5-R, MC-2, MC5R

Target/Specificity
This MC5R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 280-308 amino acids from the C-terminal region of human MC5R.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MC5R Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MC5R Antibody (C-term) - Protein Information

Name MC5R

Function Receptor for MSH (alpha, beta and gamma) and ACTH. The activity of this receptor is

mediated by G proteins which activate adenylate cyclase. This receptor is a possible mediator of the immunomodulation properties of melanocortins.

Cellular Location
Cell membrane; Multi-pass membrane protein.

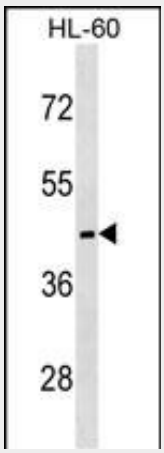
Tissue Location
Expressed in the brain but not in the melanoma cells

MC5R Antibody (C-term) - Protocols

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

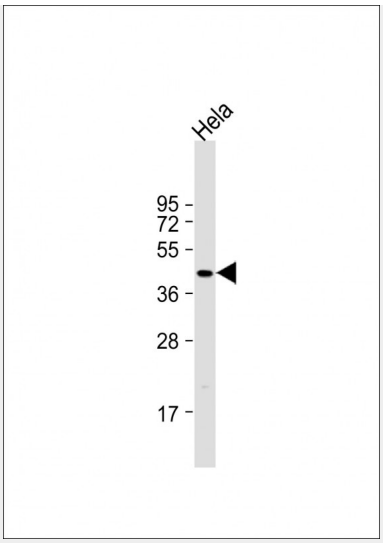
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MC5R Antibody (C-term) - Images



MC5R Antibody (C-term) (Cat. #AP18970b) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the MC5R antibody detected the MC5R protein (arrow).

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Anti-MC5R Antibody (C-term) at 1:1000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 37 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MC5R Antibody (C-term) - Background

This gene encodes a member of the seven-pass transmembrane G protein-coupled melanocortin receptor protein family that stimulate cAMP signal transduction. The encoded protein is a receptor for melanocyte-stimulating hormone and adrenocorticotropic hormone and is suggested to play a role in sebum generation.

MC5R Antibody (C-term) - References

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