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Performance guaranteed

MC5R Polyclonal Antibody

Catalog Number **PA5-21906**

Product data sheet

Details	
Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Synthetic peptide corresponding to a region within amino acids 1 and 45 of MC5 Receptor (Uniprot ID#P33032)
Conjugate	Unconjugated
Form	Liquid
Concentration	0.18 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Western Blot (WB)	1:500-1:3,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

Recommended positive controls: HeLa, HepG2. Predicted reactivity: Rhesus Monkey (100%), Chimpanzee (100%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

MC5R, a Melanocortin Receptor, mediates the effects of melanocyte-stimulating hormone (MSH) and adrenocorticotropic hormone (ACTH), and activates adenylate cyclase. This receptor controls multiple functions in the brain and in peripheral tissues, such as thermoregulation, immunomodulation, appetite control, and sexual behavior. Melanocortin 5 receptor has been reported to be expressed in a variety of tissues, especially in pituitary, exocrine glands, reproductive organs, lung, kidney, and esophagus. No human ESTs have been isolated.

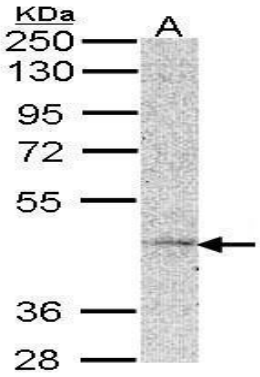
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Product Images For MC5R Polyclonal Antibody



MC5R Antibody (PA5-21906) in WB

Western Blot using MC5R Polyclonal Antibody (Product # PA5-21906). Sample (30 µg of whole cell lysate). Lane A: Hela. 10% SDS PAGE. MC5R Polyclonal Antibody (Product # PA5-21906) diluted at 1:1,000.

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