

Rabbit MC5R / MC5 Receptor Polyclonal Antibody | anti-MC5R antibody

Rabbit Polyclonal to Human MC5R / MC5 Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51088	Rabbit	Chimpanzee, Gorilla, Human Predicted Reactivity: Bat (at least 90% immunogen sequence identity)	Immunohistochemistry

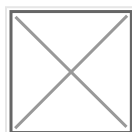
PRODUCT SYNONYMS

MC5R / MC5 Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human MC5R / MC5 Receptor; Anti-MC5R / MC5 Receptor Antibody (N-Terminus) IHC-plus; MC5R; HMC5R; MC2; MC5-R; Melanocortin 5 receptor; MC5; MC5 receptor; MC-2; Melanocortin receptor 5; Melanocortin-5 receptor; Human MC5R; MC5 Receptor; anti-MC5R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chimpanzee, Gorilla, Human Predicted Reactivity: Bat (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human MC5 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	325
Applicable Applications for anti-MC5R antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from N-terminal extracellular domain of human MC5 Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%); Bat, Panda (94%); Monkey, Marmoset, Rabbit (89%).
Immunogen Type	Synthetic peptide
Immunogen	MC5R / MC5 Receptor antibody was raised against synthetic 18 amino acid peptide from N-terminal extracellular domain of human MC5 Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%); Bat, Panda (94%); Monkey, Marmoset, Rabbit (89%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

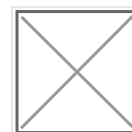
IMAGES



IHC (Immunohistochemistry)

Anti-MC5R / MC5 Receptor antibody IHC of human Pancreas, Carcinoma.

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)

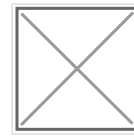
Anti-MC5R / MC5 Receptor antibody IHC of human Prostate, Carcinoma.

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

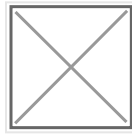
Anti-MC5R / MC5 Receptor antibody IHC of human Brain, Glioblastoma.

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-MC5 Receptor antibody IHC of human testis, spermatogenic series.

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-MC5R / MC5 Receptor antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-MC5R antibody	MC5R, a Melanocortin Receptor, mediates the effects of melanocyte-stimulating hormone (MSH) and adrenocorticotrophic 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.
Product Categories/Family for anti-MC5R antibody	Family: GPCR ; Subfamily: Melanocortin

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174535
NCBI GeneID	4161
NCBI Accession #	NP_005904.1
NCBI GenBank Nucleotide #	NM_005913.2
UniProt Accession #	P33032 ; Q502V1 ; B0YJ34
Molecular Weight	36,601 Da
NCBI Official Full Name	melanocortin receptor 5
NCBI Official Synonym Full Names	melanocortin 5 receptor
NCBI Official Symbol	MC5R
NCBI Official Synonym Symbols	MC2
NCBI Protein Information	melanocortin receptor 5; melanocortin-5 receptor
UniProt Protein Name	Melanocortin receptor 5
UniProt Gene Name	MC5R
UniProt Synonym Gene Names	MC5-R
UniProt Entry Name	MC5R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mc5r-mc5-receptor-antibody-immunohistochemistry-elisa/51088>