

Rabbit MC5R Polyclonal Antibody | anti-MC5R antibody

MC5R Antibody

CATALOG # AAA325589	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

MC5R; Polyclonal Antibody; MC5R Antibody; MC-2; MC2; MC5 R; MC5-R; MC5R_HUMAN; Melanocortin 5 receptor; Melanocortin receptor 5; anti-MC5R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MC5R antibody detects endogenous levels of total MC5R
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	325
Applicable Applications for anti-MC5R antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed in the brain but not in the melanoma cells.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (91%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325589 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using MC5R antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MC5R antibody	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. Similarity: Belongs to the G-protein coupled receptor 1 family.
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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	Observed: 40 kD Predicted: 37 kDa
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
UniProt Protein Name	Melanocortin receptor 5
UniProt Gene Name	MC5R
UniProt Synonym Gene Names	MC5-R

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-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325589>