

Rabbit anti-Human MC3R / MC3 Receptor Polyclonal Antibody | anti-MC3R antibody

Rabbit Polyclonal to Human MC3R / MC3 Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52376	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

MC3R / MC3 Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human MC3R / MC3 Receptor; Anti-MC3R / MC3 Receptor Antibody (aa 86-112) IHC-plus; MC3R; BMIQ9; MC3 receptor; Melanocortin receptor 3; OB20; MC3; MC3-R; Melanocortin 3 receptor; OQTL; Human MC3R; MC3 Receptor; anti-MC3R antibody

PRODUCT SPECIFICATIONS

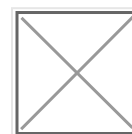
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human MC3R
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	323
Applicable Applications for anti-MC3R antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	KLH-conjugated synthetic peptide from internal region of human MC3R.
Immunogen Type	Synthetic peptide
Immunogen	MC3R / MC3 Receptor antibody was raised against KLH-conjugated synthetic peptide from internal region of human MC3R.
Antigen Modification	aa 86-112
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



WB (Western Blot)

Western blot of MC3R Antibody (Center) in K562 cell line lysates (35 ug/lane). MC3R (arrow) was detected using the purified Pab.



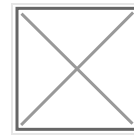
FCM/FACS (Flow Cytometry)

MC3R Antibody (Center) flow cytometry of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**IHC (Immunohistochemistry)**

Anti-MC3R / MC3 Receptor antibody IHC staining of human small intestine.

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

**IHC (Immunohistochemistry)**

Anti-MC3R / MC3 Receptor antibody IHC staining of human brain, cortex.

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-MC3R antibody	MC3R, a Melanocortin Receptor, is involved in the control of energy homeostasis and weight regulation. Null mutant mice show metabolic defects, 50% to 60% increased adipose mass, and reduced energy expenditure.
Product Categories/Family for anti-MC3R antibody	Family: GPCR ; Subfamily: Melanocortin

NCBI AND UNIPROT INFORMATION

NCBI GI #	170671732
NCBI GeneID	4159
NCBI Accession #	NP_063941.3
NCBI GenBank Nucleotide #	NM_019888.3
UniProt Accession #	P41968 ; Q4KN27 ; Q9H517
Molecular Weight	36,043 Da
NCBI Official Full Name	melanocortin receptor 3
NCBI Official Synonym Full Names	melanocortin 3 receptor
NCBI Official Symbol	MC3R
NCBI Official Synonym Symbols	MC3; OB20; OQTL; BMIQ9; MC3-R
NCBI Protein Information	melanocortin receptor 3; obesity quantitative trait locus
UniProt Protein Name	Melanocortin receptor 3
UniProt Gene Name	MC3R
UniProt Synonym Gene Names	MC3-R
UniProt Entry Name	MC3R_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/mc3r-mc3-receptor-antibody-flow-cytometry-western-blot-immunohistochemistry-elisa/52376>