



MC3R Polyclonal Antibody

Catalog No	YP-Ab-07563
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	MC3R
Immunogen	Synthesized peptide derived from human protein . at AA range: 280-360
Specificity	MC3R Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BMIQ9;MC3;MC3 R;MC3R;melanocortin 3 receptor;Melanocortin receptor 3; OB2;Melanocortin receptor 3 (MC3-R)
Observed Band	35kD
Calculated Molecular Weight	35kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Brain, placental, and gut tissues.
Function	function:Receptor for MSH (alpha, beta and gamma) and ACTH. This receptor is mediated by G proteins which activate adenylate cyclase.,polymorphism:Genetic variations in MC3R define the body mass index quantitative trait locus 9 (BMIQ9) [MIM:602025]. Variance in body mass index is a susceptibility factor for obesity., similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Brain, placental, and gut tissues.,
Background	This gene encodes a G-protein-coupled receptor for melanocyte-stimulating hormone and adrenocorticotrophic hormone that is expressed in tissues other than the adrenal cortex and melanocytes. This gene maps to the same region as the locus for benign neonatal epilepsy. Mice deficient for this gene have increased fat mass despite decreased food intake, suggesting a role for this



gene product in the regulation of energy homeostasis. Mutations in this gene are associated with a susceptibility to obesity in humans. [provided by RefSeq, Jul 2008],

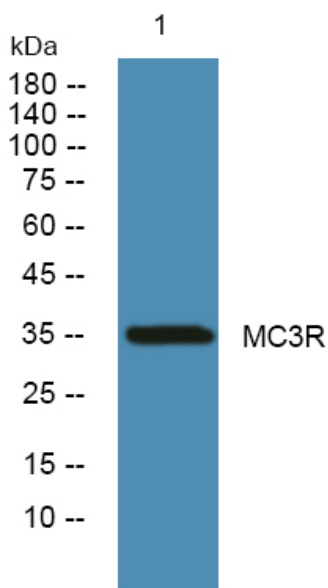
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night