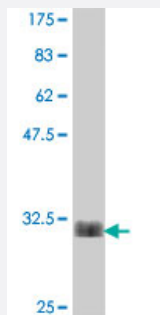


MC3R polyclonal antibody (A01)

Catalog # H00004159-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (34.25 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant MC3R.
Immunogen	MC3R (NP_063941, 1 a.a. ~ 74 a.a) partial recombinant protein with GST tag.
Sequence	MSIQKTYLEGDFVFPVSSSSFLRTLLEPQLGSALLTAMNASCCLPVQPTLPNGSEHLQAPFFSN QSSSAFCEQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (68); Rat (64)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.25 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MC3R

Entrez GeneID [4159](#)

GeneBank Accession# [NM_019888](#)

Protein Accession# [NP_063941](#)

Gene Name MC3R

Gene Alias BMIQ9, MC3, MC3-R

Gene Description melanocortin 3 receptor

Omim ID [155540 601665](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a G-protein-coupled receptor for melanocyte-stimulating hormone and adreno corticotropic 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]

Other Designations -

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)

- [Body Weight](#)
- [Bulimia](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hyperinsulinism](#)
- [Insulin Resistance](#)
- [NARP](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Pleasure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Sleep Apnea](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Weight Loss](#)