

DNAxPAb

Hard-to-Find
Antibody

MC3R DNAxPab

Catalog # H00004159-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human MC3R DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MC3R

Entrez GeneID	4159
GeneBank Accession#	NM_019888.2
Protein Accession#	NP_063941.2
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](#)