



Rat anti-Mouse MC3R monoclonal antibody, clone 456505 (CABT-B9468)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Y3 rat myeloid cell line transfected with mouse Melanocortin 3R/MC3R
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	456505
Purification	Protein A/G
Conjugate	Unconjugated
Applications	FC
Format	Lyophilized
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS with 5% trehalose
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

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]

Keywords

MC3R; melanocortin 3 receptor; MC3; OB20; OQTL; BMIQ9; MC3-R; melanocortin receptor 3; obesity quantitative trait locus;

GENE INFORMATION

Entrez Gene ID

[4159](#)

UniProt ID

[P41968](#)