MCHR1 rabbit monoclonal antibody

Catalog # H00002847-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MCHR1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MCHR1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MCHR1 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — MCHR1

Entrez GeneID	2847
GeneBank Accession#	MCHR1
Gene Name	MCHR1
Gene Alias	GPR24, MCH1R, MGC32129, SLC1
Gene Description	melanin-concentrating hormone receptor 1
Omim ID	601751
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene, a member of the G protein-coupled receptor family 1, is an inte gral plasma membrane protein which binds melanin-concentrating hormone. The encoded protein can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptor s, this protein does not seem to bind somatostatin. [provided by RefSeq
Other Designations	G protein-coupled receptor 24|G-protein coupled receptor 24

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Bipolar Disorder
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Hyperphagia

- Insulin Resistance
- NARP
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Postmortem Changes
- Puberty
- Schizophrenia
- Thrombophilia
- Tobacco Use Disorder