

DNAxPAb

Hard-to-Find  
Antibody

## MCHR1 DNAxPab

Catalog # H00002847-W01P      Size 200 ug

### Specification

|                                |                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Rabbit polyclonal antibody raised against a partial-length human MCHR1 DNA using DNAx™ Immune technology. |
| <b>Technology</b>              | <a href="#">DNAx™ Immune</a>                                                                              |
| <b>Immunogen</b>               | Extracellular membrane domain (ECD) human DNA                                                             |
| <b>Host</b>                    | Rabbit                                                                                                    |
| <b>Reactivity</b>              | Human                                                                                                     |
| <b>Purification</b>            | Protein A                                                                                                 |
| <b>Quality Control Testing</b> | Antibody reactive against mammalian transfected lysate.                                                   |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                         |
| <b>Storage Instruction</b>     | 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 — MCHR1

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">2847</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| GeneBank Accession# | <a href="#">BC021146.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Protein Accession#  | <a href="#">AAH21146.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Name           | MCHR1                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Alias          | GPR24, MCH1R, MGC32129, SLC1                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Description    | melanin-concentrating hormone receptor 1                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Omim ID             | <a href="#">601751</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Summary        | The protein encoded by this gene, a member of the G protein-coupled receptor family 1, is an integral 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 receptors, 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](#)