

DNAxPAb

Hard-to-Find
Antibody

MC2R DNAxPab

Catalog # H00004158-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human MC2R 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 — MC2R

Entrez GeneID	4158
GeneBank Accession#	NM_000529.2
Protein Accession#	NP_000520.1
Gene Name	MC2R
Gene Alias	ACTHR, MGC125798
Gene Description	melanocortin 2 receptor (adrenocorticotrophic hormone)
Omim ID	202200 607397
Gene Ontology	Hyperlink
Gene Summary	MC2R encodes one member of the five-member G-protein associated melanocortin receptor family. Melanocortins (melanocyte-stimulating hormones and adrenocorticotrophic hormone) are peptides derived from pro-opiomelanocortin (POMC). MC2R is selectively activated by adrenocorticotrophic hormone, whereas the other four melanocortin receptors recognize a variety of melanocortin ligands. Mutations in MC2R can result in familial glucocorticoid deficiency. [provided by RefSeq]
Other Designations	ACTH receptor MC2 receptor OTTHUMP00000162512 adrenocorticotrophic hormone receptor corticotropin receptor melanocortin 2 receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Addison Disease](#)
- [Breast Neoplasms](#)
- [Chronic Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Epilepsy](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)

- [Heroin Dependence](#)
- [Mental Disorders](#)
- [Musculoskeletal Diseases](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychophysiologic Disorders](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Somatoform Disorders](#)
- [Spasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)