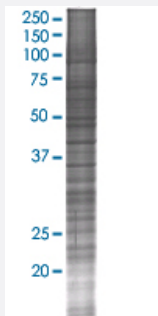


NPY1R 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004886-T01

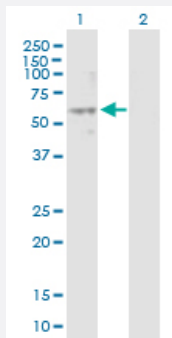
Size 100 uL

Applications



SDS-PAGE Gel

NPY1R transfected lysate.



Western Blot

Lane 1: NPY1R transfected lysate (44.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NPY1R full-length
Host	Human
Theoretical MW (kDa)	44.4
Interspecies Antigen Sequence	Mouse (93); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NPY1R antibody ([H00004886-B01P](#)) by Western Blots.
SDS-PAGE Gel
NPY1R transfected lysate.
Western Blot
Lane 1: NPY1R transfected lysate (44.4 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NPY1R

Entrez GeneID

[4886](#)

GeneBank Accession#

[NM_000909](#)

Protein Accession#

[AAH71720.1](#)

Gene Name

NPY1R

Gene Alias

NPYR

Gene Description

neuropeptide Y receptor Y1

Omim ID

[162641](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Neuropeptide Y (NPY; MIM 162640) is one of the most abundant neuropeptides in the mammalian nervous system and exhibits a diverse range of important physiologic activities, including effects on psychomotor activity, food intake, regulation of central endocrine secretion, and potent vasoactive effects on the cardiovascular system. Two major subtypes of NPY (Y1 and Y2) have been defined by pharmacologic criteria. NPY receptors, such as NPY1R, have been identified in a variety of tissues, including brain, spleen, small intestine, kidney, testis, placenta, and aortic smooth muscle (Herzog et al., 1992 [PubMed 1321422]).[supplied by OMIM]

Other Designations

-

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Appetite](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cocaine-Related Disorders](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertrophy](#)
- [Liver Diseases](#)
- [NARP](#)
- [Obesity](#)
- [Panic Disorder](#)
- [Puberty](#)
- [Substance Withdrawal Syndrome](#)