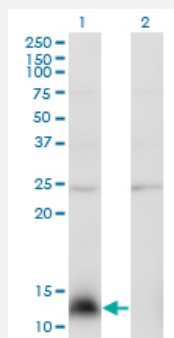


NPY monoclonal antibody (M01), clone 3B5

Catalog # H00004852-M01

Size 100 ug

Applications

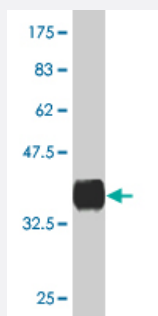


Western Blot (Transfected lysate)

Western Blot analysis of NPY expression in transfected 293T cell line by NPY monoclonal antibody (M01), clone 3B5.

Lane 1: NPY transfected lysate(10.9 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (33.33 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NPY.
Immunogen	NPY (AAH29497, 29 a.a. ~ 97 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	YPSKPDNPGEDAPAEDMARYYSALRHYNLITRQRYGKRSSPETLISDLLMRESTENVPRTRELP AMW
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (33.33 KDa) .

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)

Western Blot analysis of NPY expression in transfected 293T cell line by NPY monoclonal antibody (M01), clone 3B5.

Lane 1: NPY transfected lysate(10.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NPY

Entrez GeneID

[4852](#)

GeneBank Accession#

[BC029497](#)

Protein Accession#

[AAH29497](#)

Gene Name

NPY

Gene Alias

PYY4

Gene Description

neuropeptide Y

Omim ID

[162640](#)

Gene Ontology

[Hyperlink](#)

Other Designations

-

Publication Reference

- [Ontogenic development of nerve fibers in human fetal livers: an immunohistochemical study using neural cell adhesion molecule \(NCAM\) and neuron-specific enolase \(NSE\).](#)

Terada T.

Histochemistry and Cell Biology 2015 Apr; 143(4):421.

Application: IHC, Human, Liver

- [Neuropeptide Y influences acute food intake and energy status affects NPY immunoreactivity in the female musk shrew \(Suncus murinus\).](#)

Bojkowska K, Hamczyk MM, Tsai HW, Riggan A, Rissman EF.

Hormones and Behavior 2007 Nov; 53(2):342.

Application: IHC, Mouse, musk shrew brain

Pathway

- [Adipocytokine signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Alcohol Withdrawal Delirium](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Appetite](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)

- [Autistic Disorder](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Celiac Disease](#)
- [Cerebrovascular Accident](#)
- [Chorioamnionitis](#)
- [Cocaine-Related Disorders](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)

- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hypertrophy](#)
- [Insulin Resistance](#)
- [Interview](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [MELAS](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [NARP](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Pain](#)
- [Panic Disorder](#)
- [Polycystic Ovary Syndrome](#)
- [Postmortem Changes](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)

- [Proteinuria](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Radius Fractures](#)
- [Reflex Sympathetic Dystrophy](#)
- [Renal Insufficiency](#)
- [Schizophrenia](#)
- [Seizures](#)
- [Stress Disorders](#)
- [Stroke](#)
- [Substance Withdrawal Syndrome](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)