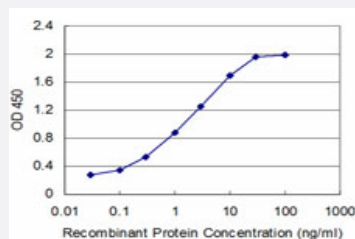


NPY monoclonal antibody (M03), clone 3F11

Catalog # H00004852-M03

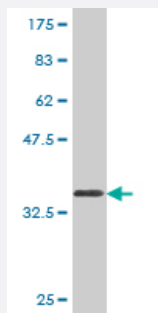
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NPY is approximately 0.03ng/ml as a capture antibody.



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	YPSKPDNPGEDAPAEDMARYYSALRHYNLITRQRYGKRSSPETLISDLLMRESTENVPRTRELDP 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NPY is approximately 0.03ng/ml as a capture antibody.

[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

- [Increased Interstitial White Matter Neuron Density in the Dorsolateral Prefrontal Cortex of People with Schizophrenia.](#)

Yang Y, Fung SJ, Rothwell A, Tianmei S, Weickert CS.

Biological Psychiatry 2011 Jan; 69(1):63.

Application: IF, IHC-Fr, Human, WMN cells

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](#)
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- [Fetal Membranes](#)
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- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hypertrophy](#)

- [Insulin Resistance](#)
- [Interview](#)
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- [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](#)