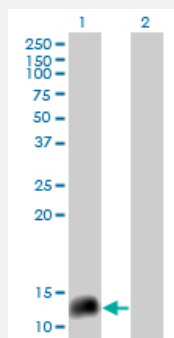


NPY monoclonal antibody (M02), clone 2C10

Catalog # H00004852-M02

Size 100 ug

Applications

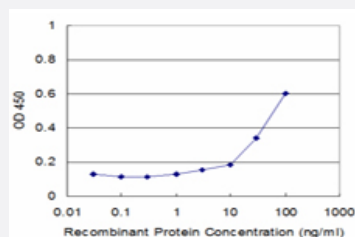


Western Blot (Transfected lysate)

Western Blot analysis of NPY expression in transfected 293T cell line by NPY monoclonal antibody (M02), clone 2C10.

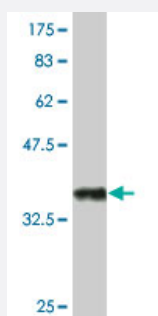
Lane 1: NPY transfected lysate (10.9 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NPY is approximately 3ng/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	YPSKPDNPGEDAPAEDMARYYSALRHYNLITRQRYGKRSSPETLISDLLMRESTENVPRTILEDPA MW
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 (M02), clone 2C10.

Lane 1: NPY transfected lysate(10.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NPY is approximately 3ng/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	-

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](#)
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- [NARP](#)
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- [Puberty](#)
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- [Reflex Sympathetic Dystrophy](#)
- [Renal Insufficiency](#)
- [Schizophrenia](#)
- [Seizures](#)
- [Stress Disorders](#)
- [Stroke](#)
- [Substance Withdrawal Syndrome](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)