

## Anti-NPY antibody

<b>Cat. No.</b>	ml221051
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-NPY rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Full length fusion protein
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.2 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	NPY
<b>Full name</b>	neuropeptide Y
<b>Synonyms</b>	PYY4
<b>Swissprot</b>	P01303

### Target Background

This gene encodes a neuropeptide that is widely expressed in the central nervous system and influences many physiological processes, including cortical excitability, stress response, food intake, circadian rhythms, and cardiovascular function. The neuropeptide functions through G protein-coupled receptors to inhibit adenylyl cyclase, activate mitogen-activated protein kinase (MAPK), regulate intracellular calcium levels, and activate potassium channels. A polymorphism in this gene resulting in a change of leucine 7 to proline in the signal peptide is associated with elevated cholesterol levels, higher alcohol consumption, and may be a risk factor for various metabolic and cardiovascular diseases. The protein also exhibits antimicrobial activity against bacteria and fungi.

订购热线: 4008-898-798

**Applications**

**Western blotting**

Predicted band size: 11 kDa

Positive control: HeLa cell lysate

Recommended dilution: 500-2000

Gel: 12% SDS-PAGE

Lysate: 40 µg

Lane: HeLa cell lysate

Primary antibody: ml221051 (NPY Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 50 seconds



**ELISA**

Recommended dilution: 2000-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio\_cn@yeah.net

网址: www.mlbio.cn