

**NPY1R Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP18805c

**Specification**

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**NPY1R Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P25929](#)

**NPY1R Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 4886

**Other Names**

Neuropeptide Y receptor type 1, NPY1-R, NPY1R, NPYR, NPY1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NPY1R Antibody (Center) Blocking Peptide - Protein Information**

**Name** NPY1R

**Synonyms** NPYR, NPY1

**Function**

Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is NPY > [Pro-34] PYY, PYY and [Leu-31, Pro-34] NPY > NPY (2-36) > [Ile-31, Gln-34] PP and PYY (3-36) > PP > NPY free acid.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**NPY1R Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**NPY1R Antibody (Center) Blocking Peptide - Images**

## **NPY1R Antibody (Center) Blocking Peptide - Background**

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]).

## **NPY1R Antibody (Center) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Kim, H.Y., et al. BMB Rep 43(8):547-553(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :Naukkarinen, J., et al. PLoS Genet. 6 (6), E1000976 (2010) :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

## **NPY1R Antibody (Center) Blocking Peptide - Citations**

- [Effect of chronic heat stress on gastrointestinal histology and expression of feed intake-regulatory hormones in broiler chickens](#)