

**NPY5R Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9265c****Specification**

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**NPY5R Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q15761](#)**NPY5R Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 4889**Other Names**

Neuropeptide Y receptor type 5, NPY5-R, NPY-Y5 receptor, NPY5-R, Y5 receptor, NPY5R, NPYR5

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9265c](/products/AP9265c) was selected from the Center region of human NPY5R. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**NPY5R Antibody (Center) Blocking Peptide - Protein Information****Name** NPY5R**Synonyms** NPYR5**Function**

Receptor for neuropeptide Y and peptide YY. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity. Seems to be associated with food intake. Could be involved in feeding disorders.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Brain; hypothalamus.

## **NPY5R Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **NPY5R Antibody (Center) Blocking Peptide - Images**

## **NPY5R Antibody (Center) Blocking Peptide - Background**

NPY5R is receptor for neuropeptide Y and peptide YY. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity. NPY5R seems to be associated with food intake. This protein could be involved in feeding disorders.

## **NPY5R Antibody (Center) Blocking Peptide - References**

Gratacos,M., et.al, Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816  
(2009)Arnett,D.K., et.al, J. Hypertens. 27 (8), 1585-1593 (2009)Umeda,T., et.al, Peptides 30 (8),  
1441-1447 (2009)