

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

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](#)