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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, NPYY5-R, Y5 receptor, NPY5R, NPYR5

Target/Specificity
The synthetic peptide sequence used to generate the antibody 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.

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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)