

Goat Anti-Neuropeptide Y receptor Y5 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1725a**Specification**

Goat Anti-Neuropeptide Y receptor Y5 Antibody - Product Information

Application	WB, IHC, IP, E
Primary Accession	Q15761
Other Accession	NP_006165 , 4889
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	50727

Goat Anti-Neuropeptide Y receptor Y5 Antibody - Additional Information**Gene ID** 4889**Other Names**

Neuropeptide Y receptor type 5, NPY5-R, NPY-Y5 receptor, NPYY5-R, Y5 receptor, NPY5R, NPYR5

DilutionWB~~1:1000
IHC~~1:100~500
IP~~N/A
E~~N/A**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-Neuropeptide Y receptor Y5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Neuropeptide Y receptor Y5 Antibody - 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.

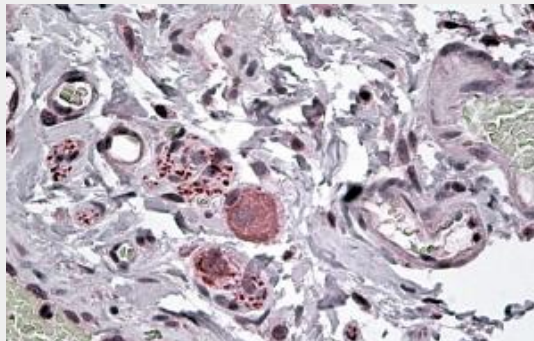
Tissue Location

Brain; hypothalamus.

Goat Anti-Neuropeptide Y receptor Y5 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-Neuropeptide Y receptor Y5 Antibody - Images

AF1725a (3.8 µg/ml) staining of paraffin embedded Human Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

AF1725a (0.3 µg/ml) staining of Human Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-Neuropeptide Y receptor Y5 Antibody - References

Analysis of copy number variation in 8,842 Korean individuals reveals 39 genes associated with hepatic biomarkers AST and ALT. Kim HY, et al. BMB Rep, 2010 Aug. PMID 20797317.

Physiogenomic analysis of statin-treated patients: domain-specific counter effects within the ACACB gene on low-density lipoprotein cholesterol? Ruaño G, et al. Pharmacogenomics, 2010 Jul. PMID 20602615.

Association study of 182 candidate genes in anorexia nervosa. Pinheiro AP, et al. Am J Med Genet B Neuropsychiatr Genet, 2010 Jul. PMID 20468064.

Neuropeptide Y Y5 receptor promotes cell growth through extracellular signal-regulated kinase signaling and cyclic AMP inhibition in a human breast cancer cell line. Sheriff S, et al. Mol Cancer Res, 2010 Apr. PMID 20332211.

Genetical genomic determinants of alcohol consumption in rats and humans. Tabakoff B, et al. BMC Biol, 2009 Oct 27. PMID 19874574.