10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NPY5R Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21217c

Product Information

Application	WB, E
Primary Accession	Q15761
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52205
Calculated MW	50727

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	This NPY5R antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 305-341 amino acids from the Central region of human NPY5R.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NPY5R Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

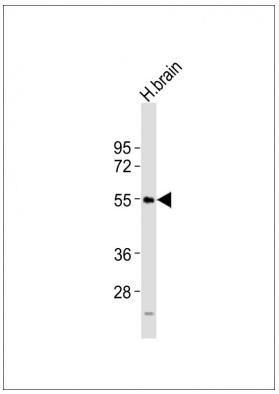
Background

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.

References

Hu Y.,et al.J. Biol. Chem. 271:26315-26319(1996).
Gerald C.,et al.Nature 382:168-171(1996).
Herzog H.,et al.Genomics 41:315-319(1997).
Kopatz S.A.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).

Images



Anti-NPY5R Antibody (Center) at 1:2000 dilution + H. brain tissue lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 51 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.