



神经肽 Y 受体 5 抗体

产品货号 : mlR11521

英文名称 : NPY5R

中文名称 : 神经肽 Y 受体 5 抗体

别 名 : Neuropeptide Y receptor type 5; Neuropeptide Y receptor Y5; NPY 5R; NPY R5; NPY Y5; NPY Y5 receptor; NPY-Y5 receptor; NPY5 R; NPY5-R; NPY5R; NPY5R_HUMAN; NPYR 5; NPYR5; NPYY 5; NPYY5; NPYY5-R; Y5 receptor.

研究领域 : 细胞生物 神经生物学 信号转导 通道蛋白 细胞膜受体 G 蛋白偶联受体 G 蛋白信号

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Dog, Cow, Horse, Rabbit,

产品应用 : WB=1:500-2000 ELISA=1:500-1000
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分子量 : 51kDa

细胞定位 : 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human NPY5R:1-100/445 <Extracellular>

亚 型 : IgG



纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : Pancreatic polypeptide (PP), neuropeptide Y (NPY), and peptide YY (PYY) are related 36-amino acid hormones. A number of structurally related receptors for these peptides have been isolated, NPY1-R, NPY2-R, NPY3-R, NPY4-R, NPY5-R, and NPY6-R. NPY4-R is expressed in several human tissues, including brain, coronary artery, and ileum. NPY4-R maps to human chromosome 10q11.2. NPY5-R, isolated from rat hypothalamus, encodes a 456-amino acid protein with less than 35% overall identity to known Y-type receptors. The human NPY5-R sequence is nearly identical to, but in the opposite orientation from, that of the human NPY1-R sequence. NPY5-R localizes to the paraventricular hypothalamic nucleus, the lateral hypothalamus, and other locations consistent with a role in the control of feeding behavior. The gene which encodes NPY5-R maps to human chromosome 4q32.2. NPY6-R is abundantly expressed in human heart and skeletal muscle and the gene which encodes NPY6-R maps to human chromosome 5q31.

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.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Tissue Specificity:

Brain; hypothalamus.



Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

Q15761

Gene ID:

4889

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

