

神经肽 Y 受体 4 抗体

产品货号： mIR11522

英文名称： NPY4R

中文名称： 神经肽 Y 受体 4 抗体

别名： Neuropeptide Y receptor type 4; Neuropeptide Y receptor Y4; NPY 4R; NPY R4; NPY Y4; NPY Y4 receptor; NPY-Y4 receptor; NPY4 R; NPY4-R; NPY4R; NPY4R_HUMAN; NPYR 4; NPYR4; NPY 4; NPY4; NPY4-R; Y4 receptor.

研究领域： 细胞生物 神经生物学 信号转导 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, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 42kDa

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 NPY4R:151-250/375 <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. NPY-5R, 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:

NPY4R has been reported to be expressed in bladder, brain, colon, endometrium, heart, lung, nasal mucosa, penis, prostate, skeletal muscle, small intestine, stomach, and vessel. ESTs have been isolated from human colon and head/neck libraries.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Tissue Specificity:

Highest levels found in brain, coronary artery and ileum. Low levels in pancreas and kidney. Detected in colon and small intestine.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P50391

Gene ID:

5540

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

