

**Anti-Human/Mouse/Rat NPY5R Polyclonal Antibody**  
**Polyclonal Antibody**

**Cat.NO.: PA05311**

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3th Edition

**Description:**The protein encoded by this gene is a receptor for neuropeptide Y and peptide YY. The encoded protein appears to be involved in regulating food intake, with defects in this gene being associated with eating disorders. Also, the encoded protein is involved in a pathway that protects neuroblastoma cells from chemotherapy-induced cell death, providing a possible therapeutic target against neuroblastoma. Three transcript variants encoding the same protein have been found for this gene. NPY5R (Neuropeptide Y Receptor Y5) is a Protein Coding gene. Diseases associated with NPY5R include Neuroblastoma and Obesity. Among its related pathways are Peptide ligand-binding receptors and Signaling by GPCR. GO annotations related to this gene include G-protein coupled receptor activity and peptide YY receptor activity. An important paralog of this gene is NPY1R.

**Antigen:**Synthesized peptide derived from the Internal region of human NPY5-R

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Brain; hypothalamus.