

NPY5-R (M264) polyclonal antibody

Catalog: BS2819

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

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-q21.2. 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.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.02% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 48 kDa

Swiss-Prot:

Q15761

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

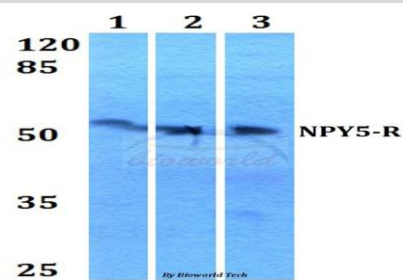
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

NPY5-R (M264) polyclonal antibody detects endogenous levels of NPY5-R protein.

DATA:

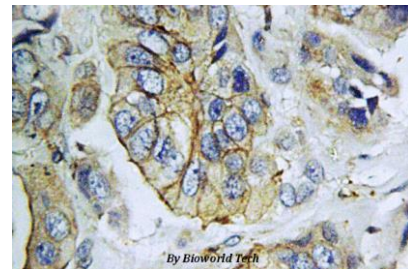


Western blot (WB) analysis of NPY5-R (M264) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate



Immunohistochemistry (IHC) analyzes of NPY5-R (M264) pAb in paraffin-embedded human breast carcinoma tissue.

Note:

For research use only, not for use in diagnostic procedure.

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