



PYY polyclonal antibody

Catalog: BS34617

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Peptide YY: Ligand for neuropeptide Y receptor type 1 (NPY1R) and neuropeptide Y receptor type 2 (NPY2R). Also binds NPY5R (By similarity). Receptor binding induces adenylate cyclase-inhibiting G protein-coupled receptor signaling, resulting in inhibition of cAMP production. Receptor activation by PYY also leads to an increase of intracellular Ca(2+) levels. This gut peptide inhibits exocrine pancreatic secretion (By similarity). Involved in the regulation of colonic antisecretory tone, and colonic contractility (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~11.1 kDa

Swiss-Prot:

P10082

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of PYY protein

DATA:

Western blot analysis of IKK alpha expression in SGC7901 (A), SKOV3 (B), A549 (C) whole cell lysates.

Immunohistochemical analysis of IKK alpha staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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