

NPY4R Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15374

Product Information

Application	WB
Primary Accession	P50391
Other Accession	XP_005277701
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42142

Additional Information

Gene ID	100996758;5540
Alias Symbol Other Names	NPY4R, PPYR1, Neuropeptide Y receptor type 4, NPY4-R, Pancreatic polypeptide receptor 1, PP1, NPY4R, PPYR1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 μ l of distilled water. Final Anti-NPY4R antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	NPY4R Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NPY4R
Synonyms	PPYR1
Function	G protein-coupled receptor for PPY/pancreatic polypeptide/PP, NPY/neuropeptide Y and PYY/peptide YY that is negatively coupled to cAMP (PubMed: 7493937 , PubMed: 7592911). The rank order of affinity for these polypeptides and their derivatives is PP, PP (2-36) and [Ile-31, Gln-34] PP > [Pro-34] PYY > PYY and [Leu-31, Pro-34] NPY > NPY > PYY (3-36) and NPY (2-36) > PP (13-36) > PP (31-36) > NPY free acid.
Cellular Location	Cell membrane; Multi-pass membrane protein

Tissue Location

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

References

Bard J.A.,et al.J. Biol. Chem. 270:26762-26765(1995).

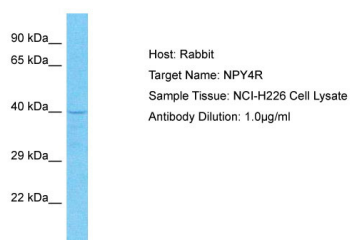
Lundell I.,et al.J. Biol. Chem. 270:29123-29128(1995).

Yan H.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:4661-4665(1996).

Reichwald K.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Kopatz S.A.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.

Images



Host: Rabbit

Target Name: NPY4R

Sample Tissue: NCI-H226 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.