

NPY4R Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15374**Specification**

NPY4R Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P50391
Other Accession	XP_005277701
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

NPY4R Antibody - N-terminal region - Additional Information**Gene ID** 100996758;5540**Alias Symbol** **NPY4R, PPYR1,****Other Names**

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 µl 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.

NPY4R Antibody - N-terminal region - 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

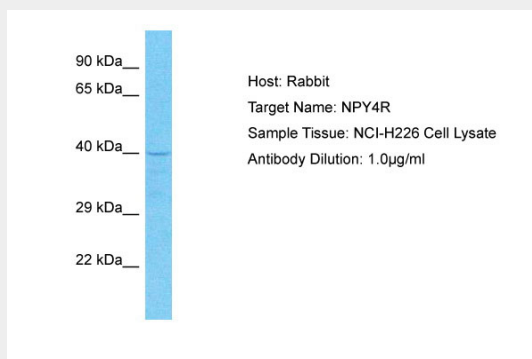
Tissue Location

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

NPY4R Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NPY4R Antibody - N-terminal region - Images

Host: Rabbit
Target Name: NPY4R
Sample Tissue: NCI-H226 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

NPY4R Antibody - N-terminal region - 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.