

**NPY2R Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10254****Specification**

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**NPY2R Antibody (C-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">P49146</a> |
| Reactivity        | Human, Bovine          |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 43kDa KDa              |

**NPY2R Antibody (C-Terminus) - Additional Information****Gene ID** 4887**Other Names**

Neuropeptide Y receptor type 2, NPY2-R, NPY-Y2 receptor, Y2 receptor, NPY2R

**Target/Specificity**

Human NPY2R. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

NPY2R Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**NPY2R Antibody (C-Terminus) - Protein Information****Name** NPY2R**Function**

Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PYY &gt; NPY &gt; PYY (3-36) &gt; NPY (2-36) &gt; [Ile-31, Gln-34] PP &gt; [Leu-31, Pro-34] NPY &gt; PP, [Pro-34] PYY and NPY free acid.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

High levels in amygdala, corpus callosum, hippocampus and subthalamic nucleus. Also detectable in caudate nucleus, hypothalamus and substantia nigra

**Volume**

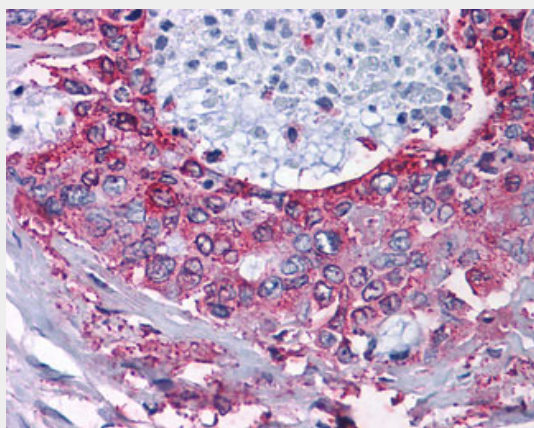
50 µl

### **NPY2R Antibody (C-Terminus) - Protocols**

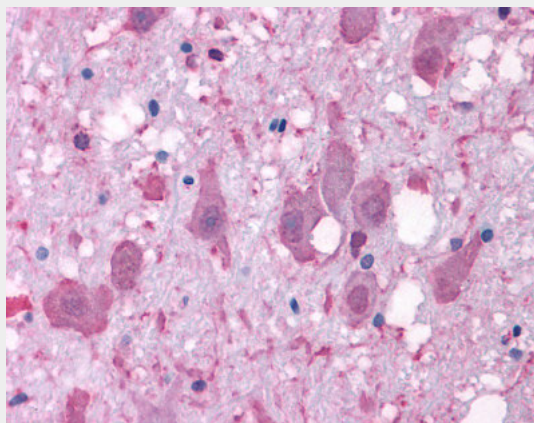
Provided below are standard protocols that you may find useful for product applications.

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

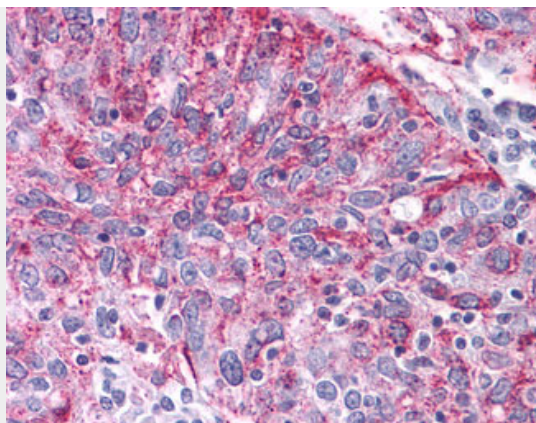
### **NPY2R Antibody (C-Terminus) - Images**



Anti-NPY2R antibody IHC of human Pancreas, Carcinoma.



Anti-NPY2R antibody ALS10254 IHC of human brain, neurons and glia.



Anti-NPY2R antibody IHC of human Ovary, Carcinoma.

### **NPY2R Antibody (C-Terminus) - Background**

Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PYY > NPY > PYY (3-36) > NPY (2-36) > [Ile-31, Gln-34] PP > [Leu- 31, Pro-34] NPY > PP, [Pro-34] PYY and NPY free acid.

### **NPY2R Antibody (C-Terminus) - References**

Gerald C., et al. J. Biol. Chem. 270:26758-26761(1995).  
Gehlert D.R., et al. Mol. Pharmacol. 49:224-228(1996).  
Rose P.M., et al. J. Biol. Chem. 270:22661-22664(1995).  
Yan H., et al. Proc. Natl. Acad. Sci. U.S.A. 93:4661-4665(1996).  
Ammar D.A., et al. Genomics 38:392-398(1996).