

**NPY1R Antibody (Cytoplasmic Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10256**

**Specification**

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**NPY1R Antibody (Cytoplasmic Domain) - Product Information**

|                   |   |
|-------------------|---|
| Application       | IHC   |
| Primary Accession | <a href="#">P25929</a>                                    |
| Reactivity        | Human, Mouse, Rabbit, Monkey, Pig, Horse, Guinea Pig, Dog |
| Host              | Rabbit  |
| Clonality         | Polyclonal  |
| Calculated MW     | 44kDa KDa   |

**NPY1R Antibody (Cytoplasmic Domain) - Additional Information**

**Gene ID** 4886

**Other Names**

Neuropeptide Y receptor type 1, NPY1-R, NPY1R, NPYR, NPY1

**Target/Specificity**

Human NPY1R. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except NPY6R (61%).

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

NPY1R Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**NPY1R Antibody (Cytoplasmic Domain) - Protein Information**

**Name** NPY1R

**Synonyms** NPYR, NPY1

**Function**

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

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Volume**

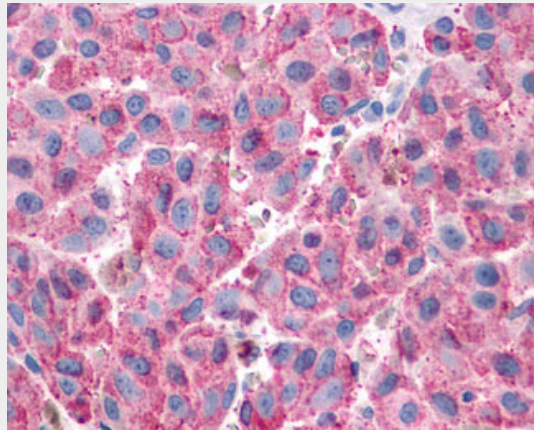
50 µl

## NPY1R Antibody (Cytoplasmic Domain) - Protocols

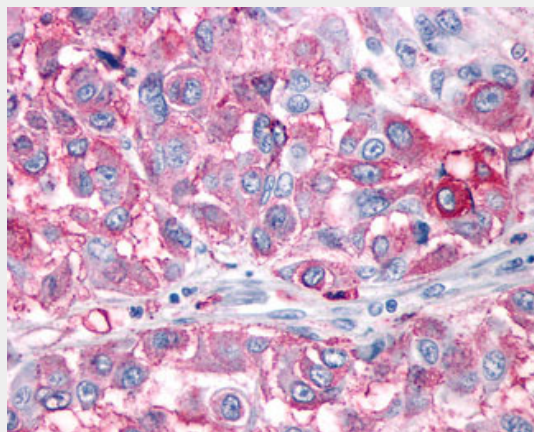
Provided below are standard protocols that you may find useful for product applications.

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

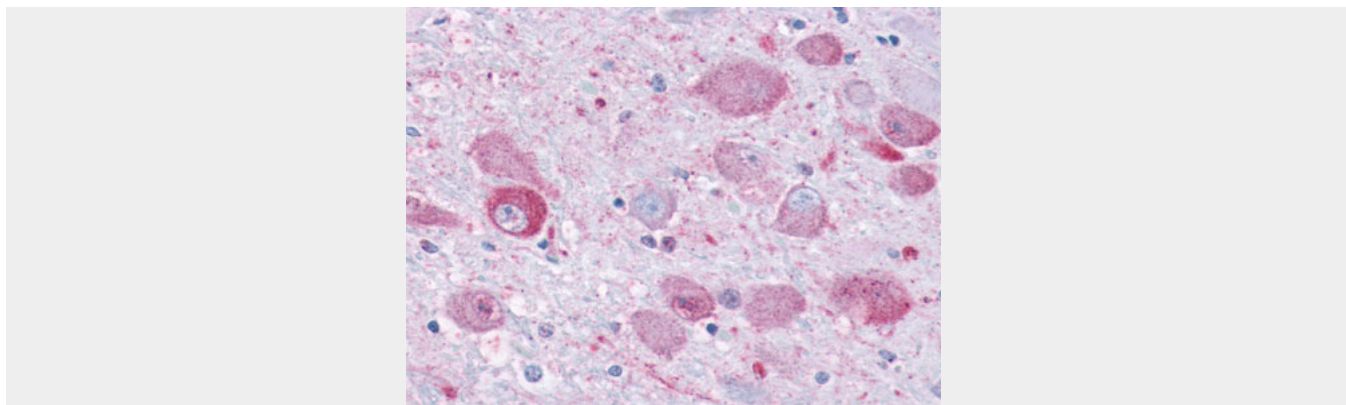
## NPY1R Antibody (Cytoplasmic Domain) - Images



Anti-NPY1R antibody IHC of human Skin, Melanoma.



Anti-NPY1R antibody IHC of human Skin, Melanoma.



Anti-NPY1R antibody ALS10256 IHC of human brain.

### **NPY1R Antibody (Cytoplasmic Domain) - Background**

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

### **NPY1R Antibody (Cytoplasmic Domain) - References**

Larhammar D., et al. J. Biol. Chem. 267:10935-10938(1992).  
Herzog H., et al. Proc. Natl. Acad. Sci. U.S.A. 89:5794-5798(1992).  
Herzog H., et al. J. Biol. Chem. 268:6703-6707(1993).  
Kopatz S.A., et al. Submitted (FEB-2004) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. Nat. Genet. 36:40-45(2004).