10320 Camino Santa Fe, Suite G
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NPY1R Antibody (Cytoplasmic Domain)

Rabbit Polyclonal Antibody

Catalog # ALS10256

Specification

NPY1R Antibody (Cytoplasmic Domain) - Product Information

Application	**IHC**
Primary Accession	P25929
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, NPYY1

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, NPYY1

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

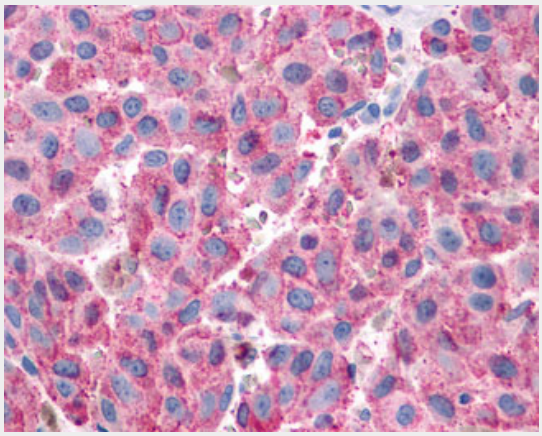
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NPY1R Antibody (Cytoplasmic Domain) - Protocols

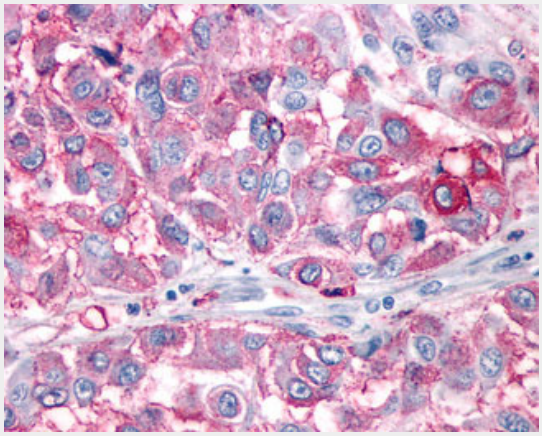
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NPY1R Antibody (Cytoplasmic Domain) - Images

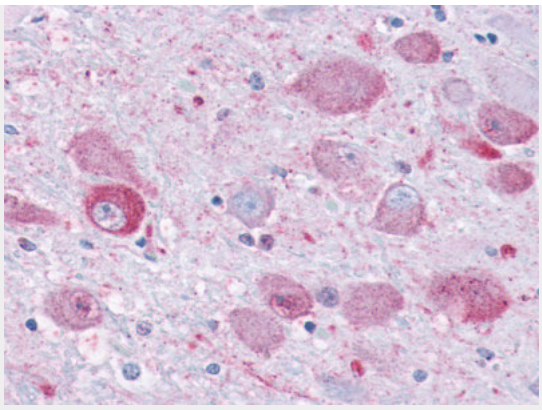


Anti-NPY1R antibody IHC of human Skin, Melanoma.



Anti-NPY1R antibody IHC of human Skin, Melanoma.

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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

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Herzog H.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:5794-5798(1992).
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