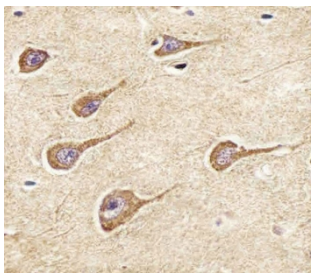
NPY2R Antibody (F54756)

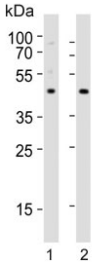
Catalog No.	Formulation	Size
F54756-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54756-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

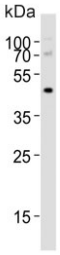
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P49146
Applications	Western blot: 1:500-1:1000 Immunohistochemistry (FFPE): 1:25 Flow cytometry: 1:25 (1x10e6 cells)
Limitations	This NPY2R antibody is available for research use only.



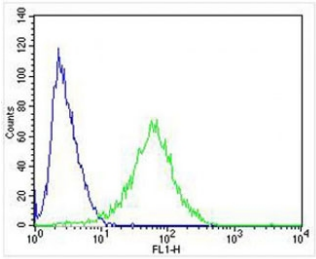
IHC testing of FFPE human brain tissue with NPY2R antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of 1) mouse brain and 2) rat brain tissue lysate with NPY2R antibody. Predicted molecular weight ~43 kDa.



Western blot testing of human kidney tissue lysate with NPY2R antibody. Predicted molecular weight ~43 kDa.



Flow cytometry testing of fixed and permeabilized human SH-SY5Y cells with NPY2R antibody; Blue=isotype control, Green= NPY2R antibody.

Description

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. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the NPY2R antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 29-65 from the human protein was used as the immunogen for the NPY2R antibody.

Storage

Aliquot the NPY2R antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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