

Summary

Production Name	NPY1-R Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NPY1R
Alternative Names	NPY1R; NPYR; NPY1; Neuropeptide Y receptor type 1; NPY1-R
Gene ID	4886.0
SwissProt ID	P25929.The antiserum was produced against synthesized peptide derived from human NPY1R. AA range:221-270

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Molecular Weight	48kD

Background

Product Name: NPY1-R Rabbit Polyclonal Antibody
Catalog #: APRab14859

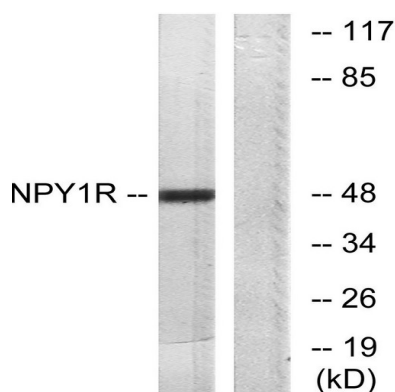


This gene belongs to the G-protein-coupled receptor superfamily. The encoded transmembrane protein mediates the function of neuropeptide Y (NPY), a neurotransmitter, and peptide YY (PYY), a gastrointestinal hormone. The encoded receptor undergoes fast agonist-induced internalization through clathrin-coated pits and is subsequently recycled back to the cell membrane. Activation of Y1 receptors may result in mobilization of intracellular calcium and inhibition of adenylate cyclase activity. [provided by RefSeq, Aug 2013],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.,similarity:Belongs to the G-protein coupled receptor 1 family.,

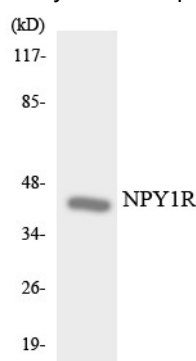
Research Area

Neuroactive ligand-receptor interaction;

Image Data

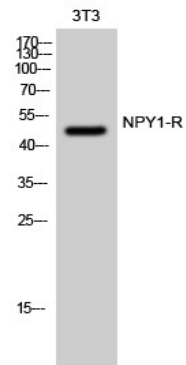


Western blot analysis of lysates from NIH/3T3 cells, using NPY1R Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using NPY1R antibody.

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Western Blot analysis of 3T3 cells using NPY1-R Polyclonal Antibody

Note

For research use only.