



NPY1-R Polyclonal Antibody

Catalog No	BYab-12777
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IF;ELISA
Gene Name	NPY1R
Protein Name	Neuropeptide Y receptor type 1
Immunogen	The antiserum was produced against synthesized peptide derived from human NPY1R. AA range:221-270
Specificity	NPY1-R Polyclonal Antibody detects endogenous levels of NPY1-R protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NPY1R; NPYR; NPY1; Neuropeptide Y receptor type 1; NPY1-R
Observed Band	48kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Blood,Brain,Pancreas,Testis,
Function	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.,
Background	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

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inhibition of adenylate cyclase activity. [provided by RefSeq, Aug 2013],

matters needing attention

Avoid repeated freezing and thawing!

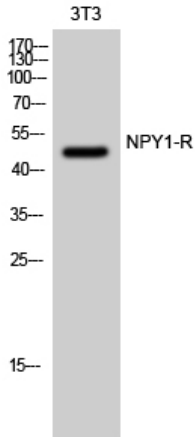
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

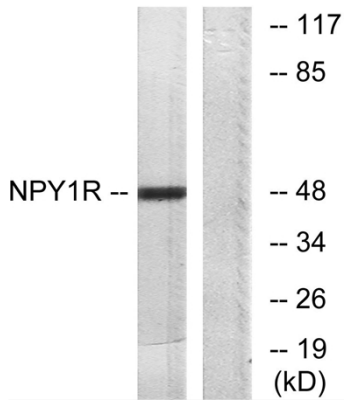
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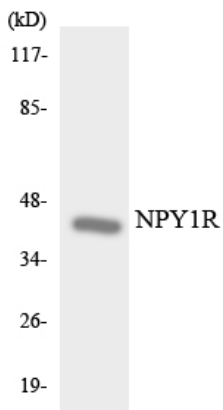
Products Images



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



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.