



NPY1-R Monoclonal Antibody

Catalog No	YP-mAb-12777
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NPY1R
Immunogen	The antiserum was produced against synthesized peptide derived from human NPY1R. AA range:221-270
Specificity	NPY1-R Monoclonal Antibody detects endogenous levels of NPY1-R protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NPY1-R;NPY1R;Neuropeptide Y receptor type 1;NPYR;NPYY1
Observed Band	48kD
Calculated Molecular Weight	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 inhibition of adenylate cyclase activity. [provided by RefSeq, Aug 2013],



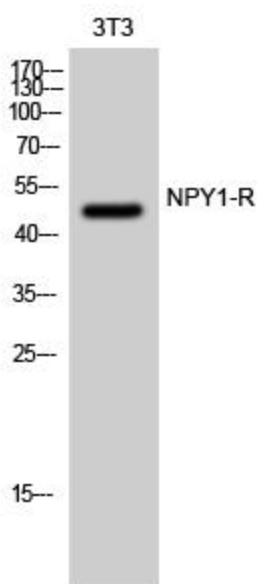
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

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

Products Images



Western Blot analysis of various cells using NPY1-R Monoclonal Antibody