



NPY2-R Monoclonal Antibody

Catalog No	YP-mAb-12778
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NPY2R
Immunogen	The antiserum was produced against synthesized peptide derived from human NPY2R. AA range:1-50
Specificity	NPY2-R Monoclonal Antibody detects endogenous levels of NPY2-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	NPY2-R;NPY2R;Neuropeptide Y receptor type 2;NPY-Y2 receptor;Y2 receptor
Observed Band	43kD
Calculated Molecular Weight	43kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	High levels in amygdala, corpus callosum, hippocampus and subthalamic nucleus. Also detectable in caudate nucleus, hypothalamus and substantia nigra.
Function	function: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.,similarity:Belongs to the G-protein coupled receptor 1 family., tissue specificity:High levels in amygdala, corpus callosum, hippocampus and subthalamic nucleus. Also detectable in caudate nucleus, hypothalamus and substantia nigra.,
Background	function: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



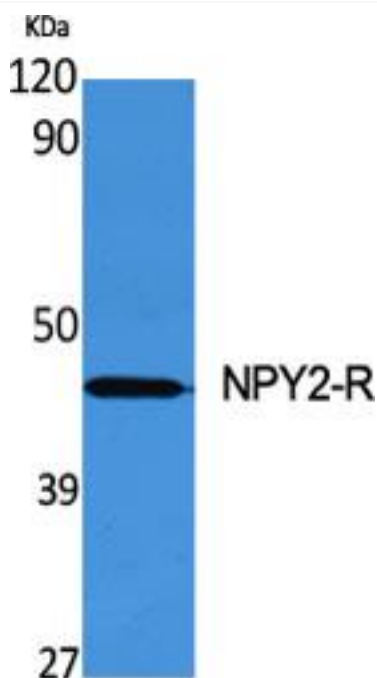
NPY free acid.,similarity:Belongs to the G-protein coupled receptor 1 family.,
tissue specificity:High levels in amygdala, corpus callosum, hippocampus and
subthalamic nucleus. Also detectable in caudate nucleus, hypothalamus and
substantia nigra.,

**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 NPY2-R
Monoclonal Antibody