



NPY2-R Polyclonal Antibody

Catalog No	YP-Ab-12778
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IF;ELISA
Gene Name	NPY2R
Immunogen	The antiserum was produced against synthesized peptide derived from human NPY2R. AA range:1-50
Specificity	NPY2-R Polyclonal Antibody detects endogenous levels of NPY2-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	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

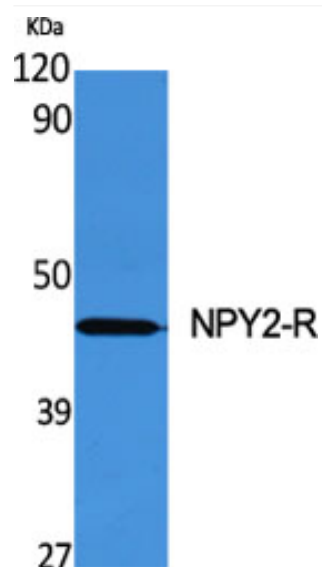
Avoid repeated freezing and thawing!

Usage suggestions

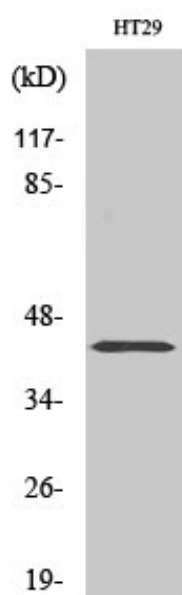
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



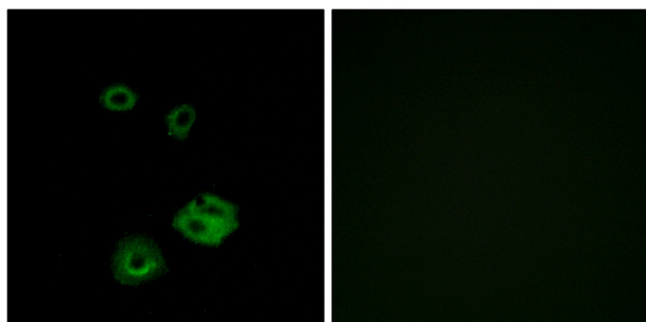
Products Images



Western Blot analysis of various cells using NPY2-R Polyclonal Antibody diluted at 1:500



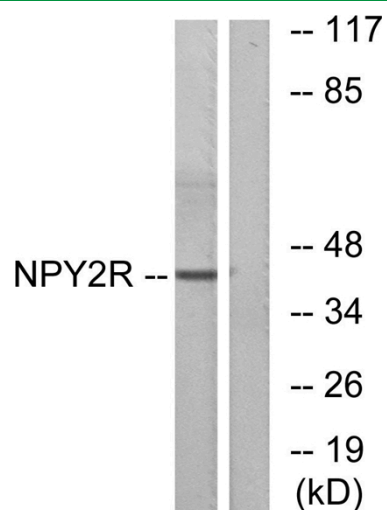
Western Blot analysis of HT29 cells using NPY2-R Polyclonal Antibody diluted at 1:500



Immunofluorescence analysis of A549 cells, using NPY2R Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using NPY2R Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using NPY2R antibody.

