

NPY1-R Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06147
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NPY1R. AA range:221-270
Mol wt	44392
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	NPY1-R Antibody
Synonyms	NPY1R; NPYR; NPY1; Neuropeptide Y receptor type 1; NPY1-R

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NPY1R 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.

Recommended Dilution

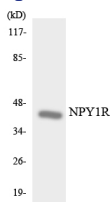
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

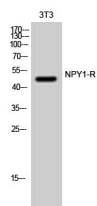
ELISA: 1: 5000

Not yet tested in other applications.

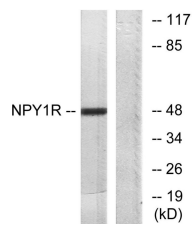
Images



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



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.

Storage

-20°C for one year

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