



# NPY1-R Polyclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-28918                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>         | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>       | WB;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>          | NPY1R                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Name</b>       | Neuropeptide Y receptor type 1                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human NPY1R. AA range:221-270                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>        | NPY1-R Polyclonal Antibody detects endogenous levels of NPY1-R protein.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                               |
| <b>Dilution</b>           | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>           | NPY1R; NPYR; NPY1; Neuropeptide Y receptor type 1; NPY1-R                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Observed Band</b>      | 48kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cell Pathway</b>       | Cell membrane; Multi-pass membrane protein.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Tissue Specificity</b> | Blood,Brain,Pancreas,Testis,                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Function</b>           | 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.,                                                                                                                                            |
| <b>Background</b>         | 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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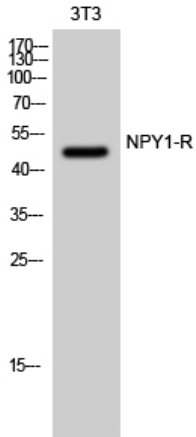
网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

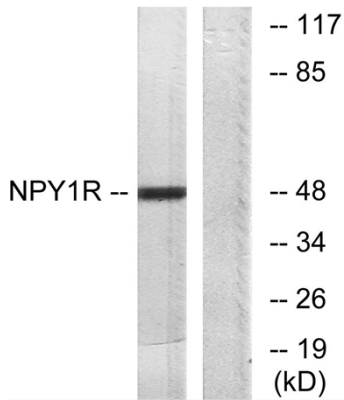
监督电话: 15950492658



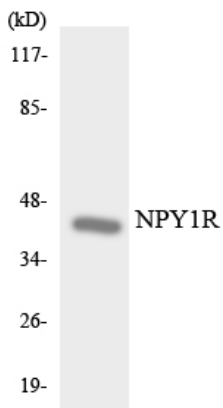
## Products Images



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.