



[Go to Product page](#)

Datasheet for ABIN7268889
anti-NPY2R antibody (C-Term)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | NPY2R |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NPY2R antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-------------------|--|
| Purpose: | NPY2R Rabbit pAb |
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of human NPY2R (NP_000901.1). |
| Sequence: | LKEYKLIFTV FHIIAMCSTF ANPLLYGWMN SNYRKAFLSA FRCEQRDAI HSEVSVTFKA KKNLEVRKNS GPNDSFTEAT NV |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Characteristics: | Polyclonal Antibodies |
| Purification: | Affinity purification |

Target Details

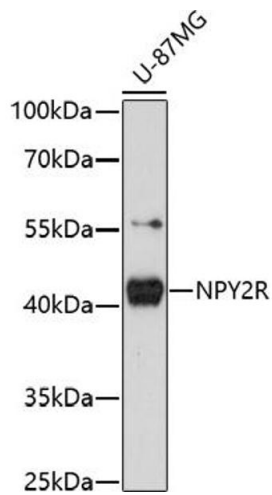
| | |
|-------------------|--|
| Target: | NPY2R |
| Alternative Name: | NPY2R (NPY2R Products) |
| Background: | Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PYY > NPY > PYY (3-36 > NPY (2-36 > [Ile-31, Gln-34] PP > [Leu-31, Pro-34] NPY > PP, [Pro-34] PYY and NPY free acid.,NPY2R,NPY2-R,Cancer,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Endocrine & Metabolism,Lipid Metabolism,Endocrine and metabolic diseases,Diabetes,Neuroscience,Cardiovascular,Angiogenesis,Heart,Cardiovascular diseases,Heart disease,NPY2R |
| Gene ID: | 4887 |
| UniProt: | P49146 |
| Pathways: | cAMP Metabolic Process , Synaptic Membrane , Feeding Behaviour |

Application Details

| | |
|--------------------|-----------------------|
| Application Notes: | WB,1:500 - 1:2000 |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of U-87MG cells, using NPY2R antibody (ABIN7268889) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.