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# anti-NPY1R antibody (Internal Region)

3 Images



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Quantity:	100 μL
Target:	NPY1R
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPY1R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human NPY1R, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	NPY1R Antibody detects endogenous levels of total NPY1R.
Predicted Reactivity:	Pig,Bovine,Horse,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	NPY1R

## **Target Details**

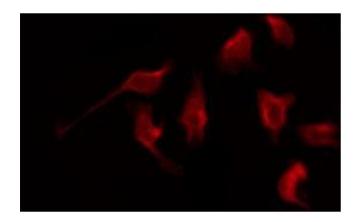
Alternative Name:	NPY1R (NPY1R Products)
Background:	Description: Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this
	receptor for pancreatic polypeptides is NPY > [Pro-34] PYY, PYY and [Leu-31, Pro-34] NPY >
	NPY (2-36) > [Ile-31, Gln-34] PP and PYY (3-36) > PP > NPY free acid.
	Gene: NPY1R
Molecular Weight:	48 kDa
Gene ID:	4886
UniProt:	P25929
Pathways:	Negative Regulation of Hormone Secretion, Feeding Behaviour

## **Application Details**

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

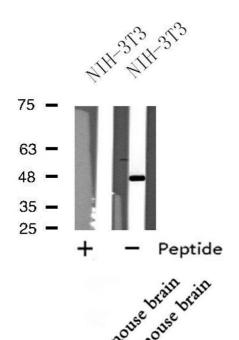
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### Immunofluorescence (fixed cells)

**Image 1.** ABIN6276061 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod



Peptide

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#### **Western Blotting**

**Image 2.** Western blot analysis of extracts from NIH-3T3 cells, using NPY1R antibody.

#### **Western Blotting**

**Image 3.** Western blot analysis of extracts from mouse brain, using NPY1R Antibody.