



# NPY4R Monoclonal Antibody

Catalog No	BYmab-07418
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PPYR1 NPY4R
Protein Name	Neuropeptide Y receptor type 4 (NPY4-R) (Pancreatic polypeptide receptor 1) (PP1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	NPY4R Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	41kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Highest levels found in brain, coronary artery and ileum. Low levels in pancreas and kidney. Detected in colon and small intestine.
Function	function:Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PP, PP (2-36) and [Ile-31, Gln-34] PP > [Pro-34] PYY > PYY and [Leu-31, Pro-34] NPY > NPY > PYY (3-36) and NPY (2-36) > PP (13-36) > PP (31-36) > NPY free acid.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Highest levels found in brain, coronary artery and ileum. Low levels in pancreas and kidney. Detected in colon and small intestine.,
Background	function:Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PP, PP (2-36) and [Ile-31, Gln-34] PP > [Pro-34] PYY > PYY and [Leu-31, Pro-34] NPY > NPY > PYY (3-36) and NPY (2-36) > PP (13-36) > PP (31-36) > NPY free acid.,similarity:Belongs to the

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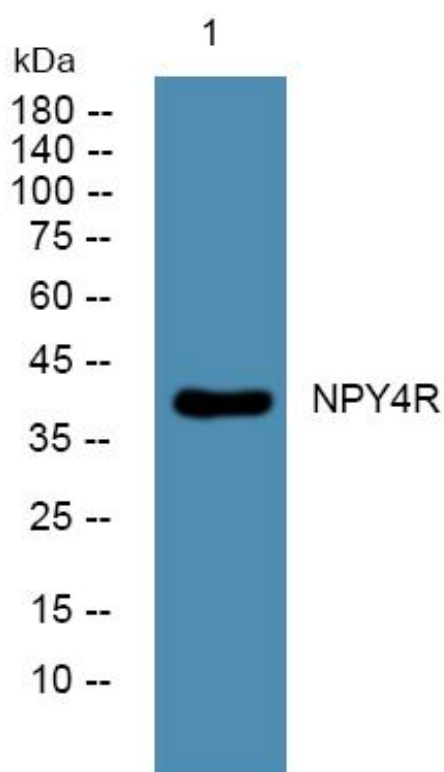
**matters needing attention**

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 NPY4R Monoclonal Antibody