



NPBW2 Polyclonal Antibody

Catalog No	YP-Ab-07389
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	NPBWR2 GPR8
Immunogen	Synthesized peptide derived from human protein . at AA range: 260-340
Specificity	NPBW2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NPBW2;NPBWR2 GPR8;Neuropeptides B/W receptor type 2 (G-protein coupled receptor 8)
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Detected at high levels in caudate nucleus, hippocampus and amygdala; at moderate levels in the adult brain, thalamus, parietal cortex, pituitary gland, adrenal gland and lymph nodes.
Function	function:Interacts specifically with a number of opioid ligands. Receptor for neuropeptides B and W, which may be involved in neuroendocrine system regulation, food intake and the organization of other signals.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Detected at high levels in caudate nucleus, hippocampus and amygdala; at moderate levels in the adult brain, thalamus, parietal cortex, pituitary gland, adrenal gland and lymph nodes.,



Background

The protein encoded by this gene is an integral membrane protein and G protein-coupled receptor. The encoded protein is similar in sequence to another G protein-coupled receptor (GPR7), and it is structurally similar to opioid and somatostatin receptors. This protein binds neuropeptides B and W. This gene is intronless and is expressed primarily in the frontal cortex of the brain. [provided by RefSeq, Jul 2008],

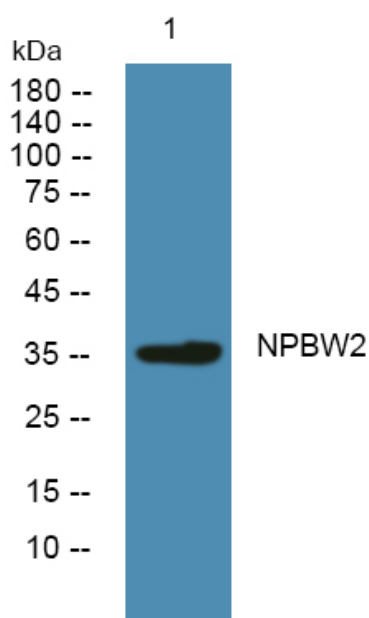
matters needing attention

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 lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night