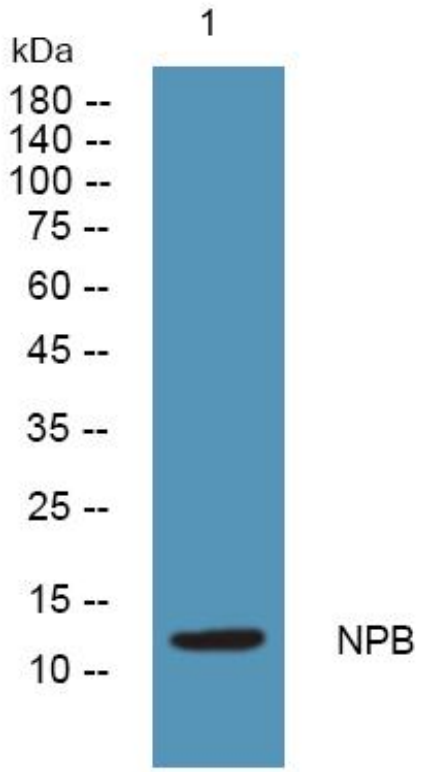
NPB Monoclonal Antibody

Catalog No	YP-mAb-07353
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	NPB PPL7 PPNPB
Protein Name	Neuropeptide B (Preproprotein L7) (hPPL7) [Cleaved into: Neuropeptide B-23 (NPB23) (hL7); Neuropeptide B-29 (NPB29) (hL7C)]
Immunogen	Synthesized peptide derived from human protein . at AA range: 1-50
Specificity	NPB 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	13kD
Cell Pathway	Secreted.
Tissue Specificity	Widely expressed in the central nervous system. High levels are found in substantia nigra, hypothalamus, hippocampus, spinal cord, placenta and fetal brain; lower levels are found in testis, uterus and ovary. Also detected at high levels in colorectal adenocarcinoma.
Function	function:May be involved in the regulation of feeding, neuroendocrine system, memory, learning and in the afferent pain pathway.,similarity:Belongs to the neuropeptide B/W family.,tissue specificity:Widely expressed in the central nervous system. High levels are found in substantia nigra, hypothalamus, hyppocampus, spinal cord, placenta and fetal brain; lower levels are found in testis, uterus and ovary. Also detected at high levels in colorectal adenocarcinoma.,
Background	This gene encodes a member of the neuropeptide B/W family of proteins and preproprotein that is proteolytically processed to generate multiple protein products. The encoded products include neuropeptide B-23 and a C-terminally extended form, neuropeptide B-29, which are characterized by an N-terminal brominated tryptophan amino acid. Both of the encoded peptides bind with higher affinity to neuropeptide B/W (NPB/W) receptor 1 compared to the related NPB/W

	receptor 2. These peptides may regulate feeding, pain perception, and stress in rodents. [provided by RefSeq, Jul 2015],
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 NPB Monoclonal Antibody