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anti-Neuropeptide B antibody (AA 1-125)

Images



Overview

Quantity:	100 μL
Target:	Neuropeptide B (NPB)
Binding Specificity:	AA 1-125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuropeptide B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

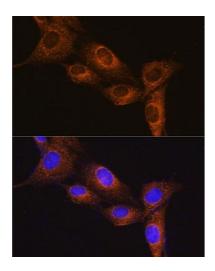
Purpose:	NPB Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-125 of human NPB (NP_683694.1).
Sequence:	MARSATLAAA ALALCLLLAP PGLAWYKPAA GHSSYSVGRA AGLLSGLRRS PYARRSQPYR GAEPPGGAGA SPELQLHPRL RSLAVCVQDV APNLQRCERL PDGRGTYQCK ANVFLSLRAA DCLAA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

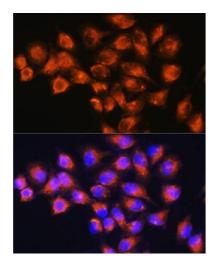
Target Details	
Target:	Neuropeptide B (NPB)
Alternative Name:	NPB (NPB Products)
Background:	This gene encodes a member of the neuropeptide B/W family of proteins and preproprotein that is proteolytically processed to generate multiple protein products. The encoded products include neuropeptide B-23 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.,NPB,L7,PPL7,PPNPB,Neuroscience,NPB
Molecular Weight:	13kDa
Gene ID:	256933
UniProt:	Q8NG41
Application Details	
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
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.



35kDa— SMASO TUBE Drain 35kDa— 15kDa— NPB 10kDa—



Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using NPB Rabbit pAb (ABIN7268885) at dilution of 1:100. Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NPB antibody (ABIN7268885) 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: 90s.

Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using NPB Rabbit pAb (ABIN7268885) at dilution of 1:100. Blue: DAPI for nuclear staining.