NPB Rabbit pAb

Catalog No.: A16612

Basic Information

Observed MW
13kDa

Calculated MW
13kDa

Category
Primary antibody

Applications
ELISA,WB,IF/ICC

Cross-Reactivity
Human, Mouse

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
256933

Swiss Prot
Q8NG41

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-125 of human NPB (NP_683694.1).

Synonyms
L7; PPL7; PPNPB; NPB

Contact

www.abclonal.com

Product Information

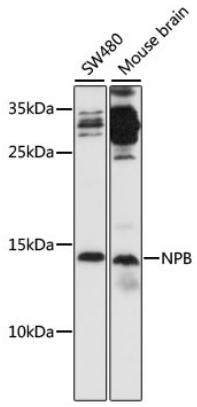
Source
Rabbit

Isotype
IgG

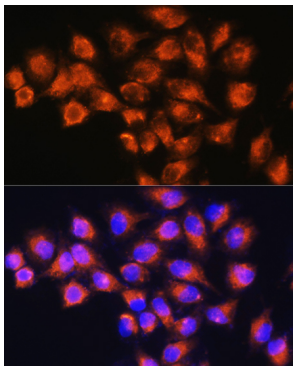
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

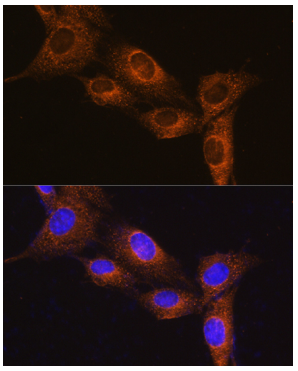
Validation Data



Western blot analysis of various lysates using NPB Rabbit pAb (A16612) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using NPB Rabbit pAb (A16612) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using NPB Rabbit pAb (A16612) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.