NPB Polyclonal antibody

Catalog Number:**25517-1-AP**

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Basic Information

Catalog Number:
25517-1-AP

Size:
150ul , Concentration: 400 μg/ml by Nanodrop and 220 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG21877

GenBank Accession Number:
BC126128

GeneID (NCBI):
256933

Full Name:
neuropeptide B

Calculated MW:
125 aa, 13 kDa

Observed MW:
~10 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IHC 1:20-1:200

Applications

Tested Applications:
IHC,ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human brain tissue, human colon cancer tissue

Background Information

Neuropeptide B, also named as NPB, PPL7 and PPNBP, can be cleaved into two chains, Neuropeptide B-23 (NPB23, hL7) and Neuropeptide B-29 (NPB29, hL7C). It is involved in the regulation of feeding, neuroendocrine system, memory, learning and in the afferent pain pathway. It is widely expressed in central nervous system.
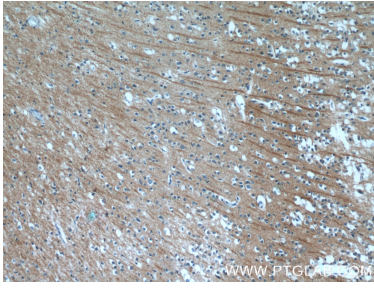
Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage
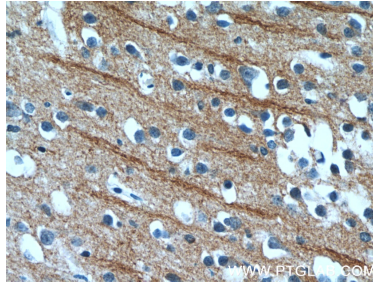
*** 20ul sizes contain 0.1% BSA

Selected Validation Data

Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 25517-1-AP (NPB Antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 25517-1-AP (NPB Antibody) at dilution of 1:50 (under 40x lens).