

For Research Use Only

NPB Polyclonal antibody

Catalog Number: 25517-1-AP



Basic Information

Catalog Number: 25517-1-AP	GenBank Accession Number: BC126128	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 256933	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q8NG41	
Isotype: IgG	Full Name: neuropeptide B	
Immunogen Catalog Number: AG21877	Calculated MW: 125 aa, 13 kDa	
	Observed MW: ~10 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human brain tissue, human colon cancer tissue
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	

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

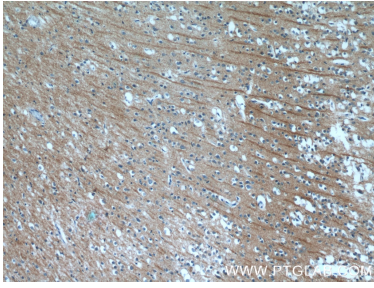
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

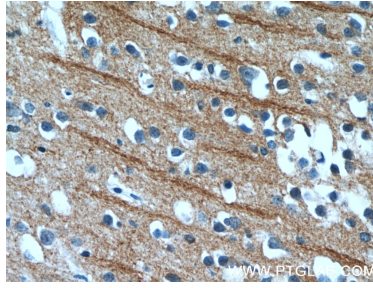
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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).