

Product Datasheet

proBDNF Antibody - Azide and BSA Free NB100-98754-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-98754-0.1mg

proBDNF Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute 0.5 mg size in 0.5 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the 0.1 mg size is provided in reconstituted format.
Isotype	IgG
Purity	Ammonium sulfate precipitation
Buffer	Lyophilized from PBS

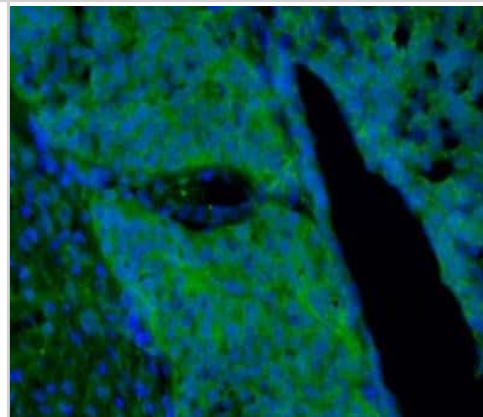
Product Description	
Host	Sheep
Gene ID	627
Gene Symbol	BDNF
Species	Mouse, Rat
Immunogen	A synthetic peptide from rat proBDNF conjugated to blue carrier protein was used as the antigen. The peptide is homologous in mouse and zebrafish and shares 96% identity with human sequence.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 10-50 ug/ml , Immunohistochemistry 10-50 ug/ml , Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 10-50 ug/ml

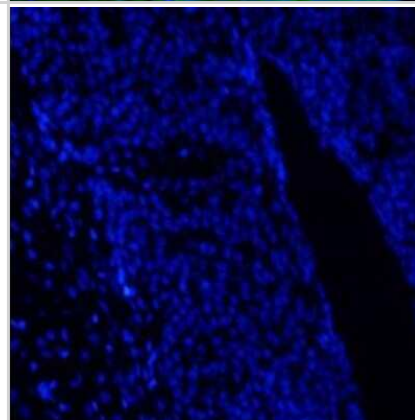


Images

Immunocytochemistry/Immunofluorescence: proBDNF Antibody [NB100-98754] - IF on rat hypophysis at 40 ug/ml concentration using Sheep antibody to rat, mouse, zebra fish proBDNF (pro BDNF, pro Brain-derived neurotrophic factor): IgG, DAPI counterstained.



Immunocytochemistry/Immunofluorescence: proBDNF Antibody [NB100-98754] - Rat hypophysis DAPI stained.



Publications

Mohammadi M, Manaheji H, Maghsoudi N et al. Microglia dependent BDNF and proBDNF can impair spatial memory performance during persistent inflammatory pain Behav. Brain Res. 2020-05-19 [PMID: 32442548] (WB, Rat)



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Products Related to NB100-98754-0.1mg

HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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