

Product Datasheet

BDNF Antibody (35928.11) - Azide and BSA Free NB120-10505

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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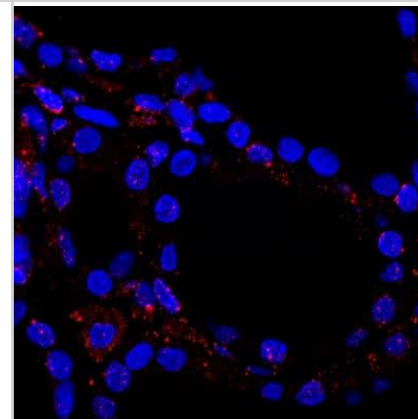
NB120-10505

BDNF Antibody (35928.11) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	35928.11
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, 5% trehalose
Product Description	
Description	Novus Biologicals Mouse BDNF Antibody (35928.11) - Azide and BSA Free (NB120-10505) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-BDNF Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	627
Gene Symbol	BDNF
Species	Human
Specificity/Sensitivity	<p>Monoclonal Anti-Human BDNF will neutralize the biological activity of rhBDNF. This antibody shows < 2% cross-reactivity with rhbeta-NGF, rhNT-3 and rhNT-4 based on ELISA and immunoblotting.</p> <p>The antibody shows ~5% cross-reactivity with recombinant human beta-NGF and recombinant rat beta-NGF</p>
Immunogen	Recombinant human BDNF (rhBDNF) expressed in Sf 21 insect cells.
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 - 2 ug/mL, Simple Western, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 8 - 25 ug/mL
Application Notes	<p>WB: This antibody detects BDNF at 300 ng/lane under non-reducing and reducing conditions. Immunohistochemistry (formalin-fixed, paraffin-embedded sections): 8-25 ug/mL using human spinal cord. This BDNF Antibody (35928.11) is validated for ICC/IF from a verified customer review.</p> <p>See Simple Western Antibody Database for Simple Western validation: separated by size</p>

Images

Immunocytochemistry/Immunofluorescence: BDNF Antibody (35928.11) [NB120-10505] - Human thyroid tissue was incubated with anti-BDNF antibody at a dilution of 1:100 overnight at 4C and detected with Alexa Fluor 594 Donkey anti-mouse 1:500. Nuclei stained with DAPI. ICC/IF image submitted by a verified customer review.



Publications

Lee T, Lin Y, Chang W et al. 5-HT₇ antagonists confer analgesia via suppression of neurotrophin overproduction in submucosal nerves of mouse models with visceral hypersensitivity *The Journal of Physiology* 2025-08-04 [PMID: 40757652]

Bales KL, Chacko AS, Nickerson JM et al. Treadmill exercise promotes retinal astrocyte plasticity and protects against retinal degeneration in a mouse model of light-induced retinal degeneration *Journal of Neuroscience Research* 2022-09-01 [PMID: 35582827] (Western Blot)

Du Y, Gao F, Sun H et al. Novel substituted 4-(Arylethynyl)-Pyrrolo[2,3-d]pyrimidines negative allosteric modulators (NAMs) of the metabotropic glutamate receptor subtype 5 (mGlu5) Treat depressive disorder in mice *European journal of medicinal chemistry* 2023-12-05 [PMID: 37847955]

Ji M, Zhang Z, Gao F et al. Curculigoside rescues hippocampal synaptic deficits elicited by PTSD through activating cAMP-PKA signaling *Phytotherapy research : PTR* 2022-10-06 [PMID: 36200803]

Elwakil BH, Bakr BA, Aljeldah MM et al. Memory Impairment, Pro-Inflammatory Host Response and Brain Histopathologic Severity in Rats Infected with *K. pneumoniae* or *P. aeruginosa* *Meningitis Pathogens (Basel, Switzerland)* 2022-08-18 [PMID: 36015052] (WB, Rat)

Details:
WB 1:500

Wang W, Gu MF, Wang ZF Et al. Let-7a-5p regulated by lncRNA-MEG3 promotes functional differentiation to Schwann cells from adipose derived stem cells via directly inhibiting RBPJ-mediated Notch pathway *Apoptosis : an international journal on programmed cell death* 2021-08-18 [PMID: 34409556]

Cho K, Kim Gw Selective striatal cell loss is ameliorated by regulated autophagy of the cortex *Life sciences* 2021-07-14 [PMID: 34271058] (WB)



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Products Related to NB120-10505

NBL1-07961	BDNF Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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