

Anti-Beta-nerve growth factor (Beta-NGF) Antibody

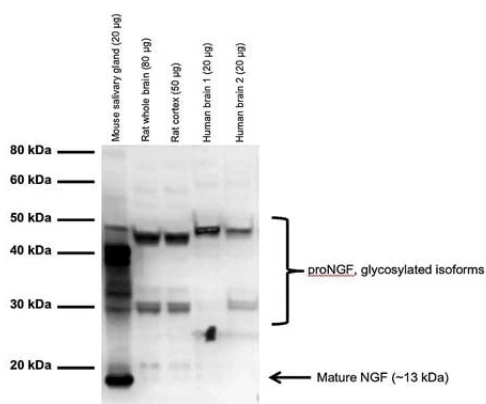


Product Details

Available Variants	500 µg (SKU:R-093-500)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Rabbit
Format	IgG
Physical State	Lyophilized
Buffer	Lyophilized from PBS, pH 7.2-7.6 without preservatives
Production Notes	Protein G purified IgG
Applications	ELISA, IHC, Neutralize, WB
Dilution Ranges	WB: 1-3 µg/mL IHC: 1-3 µg/mL ELISA: 1-3 µg/mL
Species Reactivity	Human, Mouse, Rat
Immunogen	Native mouse beta NGF purified from submaxillary salivary gland (95% purity by PAGE)
Specificity	A cross reactivity of less than 1% to recombinant human BDNF, NT3, NT4/5 by ELISA has been shown. This antiserum is known to cross react with mouse, rat, human and avian NGF but not bovine NGF.
Storage	Spin vial briefly before opening. Reconstitute in 500 µL sterile ultrapure water. Centrifuge to remove any insoluble material. Store lyophilized antibody at 2-8°C. After reconstitution keep aliquots at -20°C to -80°C for a higher stability, and at 2-8°C with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles. Glycerol (1:1) may be added for an additional stability.
UniProt ID	<u>P01139</u>

Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



Western Blot analysis of NGF expression in rodent and human homogenates. Mature NGF is detected in mouse salivary gland homogenate at ~13 kDa, while tissue samples reveal predominantly proNGF isoforms at higher molecular weights. This is consistent with the observation that proNGF is the predominant isoform in brain tissue (Fahnenstock et al., 2001). Several proNGF-bands are observed, likely representing differently glycosylated proNGF-isoforms as reported by Reinshagen et al., 2000, Lobos et al., 2005, Pedraza et al., 2005 and Pundavela et al., 2014.

Western Blotting Method: SDS-PAGE: denaturing and reducing, 10% Bis-Tris gel; Semi-Dry Transfer: Tris-Glycine (Towbins) buffer with 20% methanol; Membrane: PVDF (0.45 µm); Blocking: 5% skim milk in TBST, 1 hour at RT; Primary antibody: 5 µg/mL, overnight at 2-8°C; Secondary antibody: anti-rabbit-HRP (1/20,000), 2 hours at RT; Detection: Chemiluminescence.

Product Page URL: www.antibodiesinc.com/products/anti-beta-nerve-growth-factor-beta-ngf-antibody-r-093-500



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