

Neurotrophin Antibody Kit



Product Details

Available Variants	5 x 500 µg (SKU:KIT-NT-500) 5 x 100 µg (SKU:KIT-NT-100)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Sheep
Format	Protein G purified IgG
Physical State	Lyophilized
Buffer	Lyophilized from PBS, pH 7.4, without preservatives.
Applications	IHC, Neutralize
Dilution Ranges	WB: 1-10 µg/mL IHC: 1-10 µg/mL ELISA: 1-10 µg/mL
Species Reactivity	Human, Mouse, Rat
Immunogen	BDNF: recombinant human BDNF NGF: native mouse beta NGF purified from submaxillary salivary gland (95% purity by PAGE) NT3: recombinant human NT3 NT4/5: recombinant human NT4
Specificity	BDNF Antibody: A cross-reactivity of less than 1% against mouse NGF, recombinant human NT3 or NT4/5 has been shown by ELISA. NGF Antibody: A cross-reactivity of less than 1% against recombinant human BDNF, NT3 and NT4/5 by ELISA has been shown. NT3 Antibody: A cross-reactivity of less than 1% to mouse NGF, recombinant human BDNF and 5% to NT4/5 has been shown by ELISA. NT4/5 Antibody: Less than 1% cross-reactivity against NGF, recombinant human BDNF and 5% to NT3 has been shown by dot blot. Neurotrophins share a large degree of homology among human, rodent and other mammalian

species, thus these neurotrophin antibodies are useful for a number of species, including human, mouse and rat.

Storage	Spin vial briefly before opening. Reconstitute each vial with 100 µL sterile-filtered, ultrapure water, to achieve an antibody concentration of 1 mg/mL. Centrifuge briefly to remove any insoluble material. Store lyophilized, unopened vials at 2-8°C or lower. After reconstitution, prepare aliquots and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
UniProt ID	<u>P23560</u> ; <u>P01139</u> ; <u>P20783</u> ; <u>P34130</u>
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	Store at 2-8°C for up to 3 months. For longer storage, aliquot and store at -20°C for up to 12 months.
Usage Statement	For research use only.

Product Page URL: www.antibodiesinc.com/products/neurotrophin-antibody-kit-kit-nt-500



Created on 11. September 2026 | All information without guarantee