

# Anti-Neurotrophin Kits

Neurotrophin antibody cross reactivities.

ED <sub>50</sub> (µg/mL)					
Antibody	NGF	BDNF	NT3	NT4/5	Ig
NGF	+ (0.6)	-	-	+/-	-
BDNF	-	+ (10.5)	-	-	-
NT3	-	-	+ (5.5)	-	-
NT4/5	-	-	-	+ (3.6)	-
Ig	-	-	-	-	-



5 in 1!

Anti-Neurotrophins Kits - Purified Immunoglobulin.

Neurotrophin Antibody	Full Size (Cat No. KIT-NT-500)	Trial Size (Cat No. KIT-NT-100)
Sheep anti-NGF	500 µg	100 µg
Sheep anti-BDNF	500 µg	100 µg
Sheep anti-NT3	500 µg	100 µg
Sheep anti-NT4/5	500 µg	100 µg
Control (Ig antibodies)	500 µg	100 µg



## Applications:

**Immunohistochemistry:** 1-10 µg/mL. BDNF antibody works best on Zamboni's fixed, frozen tissue, and is not recommended for paraffin-embedded tissue.

**ELISA:** 1-10 µg/mL.

**Western Blotting:** 1-10 µg/mL. Western blotting is not recommended for the BDNF antibody.

**Inhibition of biological activity in vitro/in vivo:** Expected ED<sub>50</sub> (in vivo) values are in the range of 2-10 µg/mL. The NGF antibody completely inhibits neuronal survival and the outgrowth actions of murine NGF in chicken DRG in vitro. The negative control (normal sheep IgG) should be used at the same concentration as the neurotrophin antibodies.

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