

Anti-Tyrosine Kinase Receptor A (TrkA) Antibody

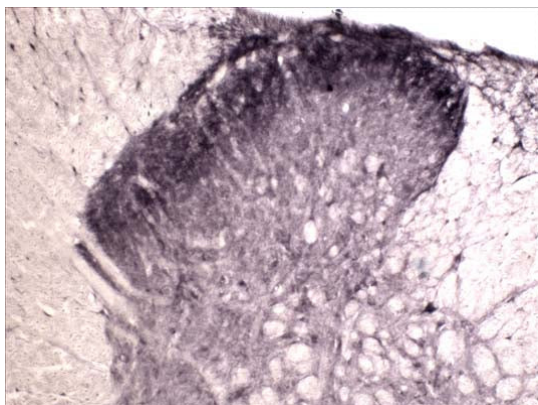


Product Details

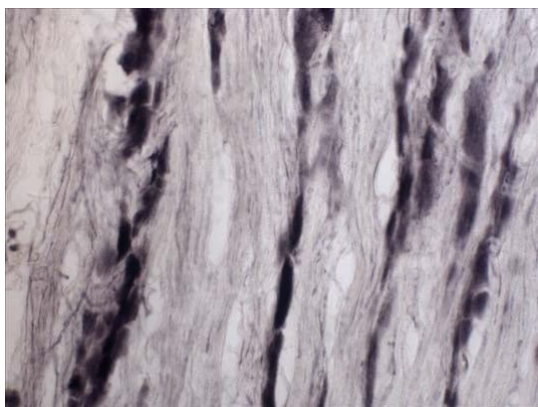
Available Variants	100 µL (SKU:R-152-100)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Rabbit
Format	Whole serum
Physical State	Lyophilized
Applications	ELISA, IHC
Dilution Ranges	WB: 1:1000-1:2500 IHC: 1:1000 ELISA: 1:5000
Species Reactivity	Human, Mouse, Rat
Immunogen	Extracellular domain of glycosylated human TrkA protein produced in mammalian cells was used as the immunogen.
Specificity	Specificity was demonstrated by immunohistochemistry. When used for immunohistochemistry in rat dorsal root ganglia, staining is restricted to the known distribution of TrkA, that is in small, nociceptive neurons. Reacts with human, rat and mouse TrkA. Other species not yet tested.
Storage	Spin vial briefly before opening. Reconstitute in 100 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution keep aliquots at -20°C for a higher stability, and at 2-8°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
UniProt ID	<u>P04629</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.

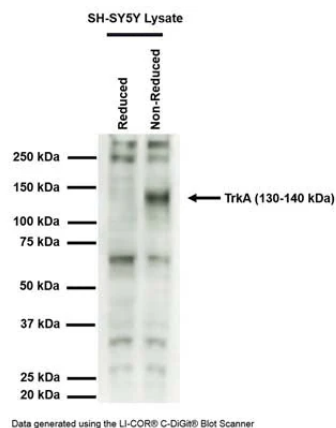
Product Images



Immunohistochemical staining of Tyrosine Kinase Receptor A (TrkA) in rat spinal cord (free floating cryostat section) using rabbit antibody (R-152-100) at a dilution of 1 in 2000. Courtesy of Professor Xin Fu Zhou, The Flinders University of South Australia.



Immunohistochemical staining of Tyrosine Kinase Receptor A (TrkA) in rat trigeminal nerve (free floating cryostat section) using rabbit antibody (R-152-100) at a dilution of 1 in 2000. Courtesy of Professor Xin Fu Zhou, The Flinders University of South Australia.



Western blot of TrkA receptor in human neuroblastoma SH-SY5Y cell lysate (30 µg/lane). R-152-100 detects TrkA full-length protein at 130-140 kDa under non-reducing conditions (no DTT or beta-mercaptoethanol!). Higher molecular-weight bands may represent homodimeric forms of TrkA or heterodimeric TrkA-receptor complexes. The identity of lower molecular weight bands is unknown. SDS-PAGE: denatured and non-reducing; Transfer: Tris-Glycine buffer; Membrane: nitrocellulose (0.45 µm); Blocking: 5% skim milk in TBST, 1 hour at RT; Primary antibody: overnight at 4°C (1/2500 dilution); Secondary antibody: anti-rabbit-HRP (1/6000) 2 hours at RT; Detection: Chemiluminiscence. Predicted MW of humanTrkA based on amino acid sequence: 84 kDa. The observed MW differs due to post-translational modification, mainly glycosylation.

Product Page URL: www.antibodiesinc.com/products/anti-tyrosine-kinase-receptor-a-trka-antibody-r-152-100



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