

TrkC Polyclonal Antibody

Catalog NumberPA1-18404

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	Dilution *1:1,000
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Extracellular domain of glycosylated human TrkC protein produced in CHO cells.		
Conjugate	Unconjugated		
Form	Lyophilized		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA1-18404 detects Tyrosine Kinase Receptor C from human, mouse, and rat samples. PA1-18404 has been successfully used in immunohistochemistry procedures. The PA1-18404 immunogen is the extracellular domain of glycosylated human TrkC protein produced in CHO cells. Reconstitute with 100 µL of distilled water.

Background/Target Information

TRKC, a member of the insulin receptor subfamily of tyrosine protein kinases, is a receptor for neurotrophin-3 (NT-3). Known substrates for the TRK receptors are SHC, PI-3 kinase, and PLCG1. The different isoforms do not have identical signaling properties. The protein is widely expressed, mainly in the nervous tissue. The isoform B is expressed in a relatively large amount in the adult brain comparatively to fetal brain. TRKC is subject to ligand-mediated auto-phosphorylation. The protein structure contains 2 immunoglobulin-like C2-type domains and 2 leucine-rich (LRR) repeats.

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