

Anti-TrkA Rabbit pAb



WL01390

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-TrkA Rabbit pAb		
Source	Rabbit		
Species reactivity	Human		
Tested applications	Western blot	1:1000-1:2000	
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	The family of Trk receptor tyrosine kinases consists of TrkA, TrkB, and TrkC. While the sequence of these family members is highly conserved, they are activated by different neurotrophins. In the adult nervous system, the Trk receptors regulate synaptic strength and plasticity. TrkA regulates proliferation and is important for development and maturation of the nervous system. Phosphorylation at Tyr490 is required for Shc association and activation of the Ras-MAP kinase cascade. Residues Tyr674/675 lie within the catalytic domain, and phosphorylation at these sites reflects TrkA kinase activity. TrkA is activated in many malignancies including breast, ovarian, prostate, and thyroid carcinomas.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of TrkA.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

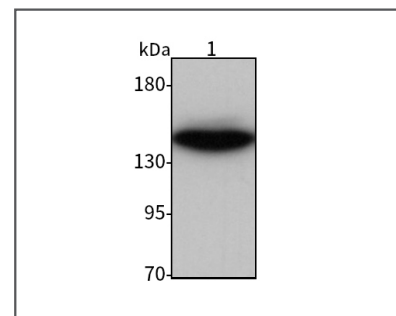
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Product Images



Western blot-Anti-TrkA pAb

Lane 1: Human SH-SY5Y cell lysate
 All lanes: Anti-TrkA at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 87 kDa
 Observed band size: 87/140 kDa