

Anti-p-TrkB (Y516) Rabbit pAb



WL02988

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-p-TrkB (Y516) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
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

TrkB is a receptor for brain-derived neurotrophic factor (BDNF). TrkB is part of a sub-family of protein kinases which includes TrkA and TrkC. Also, there are other neurotrophic factors structurally related to BDNF: NGF, NT-3 and NT-4. TrkB is overexpressed in tumors, such as neuroblastoma, prostate adenocarcinoma, and pancreatic ductal adenocarcinoma. An alternatively spliced truncated TrkB isoform lacking the kinase domain is overexpressed in Wilms' tumors and this isoform may act as a dominant-negative regulator of TrkB signaling.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of p-TrkB (Y516).

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

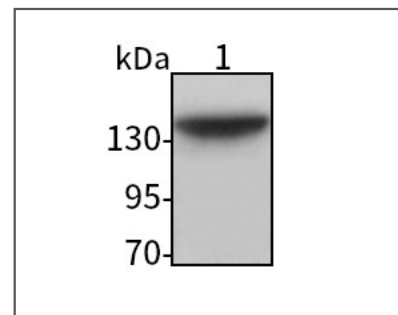
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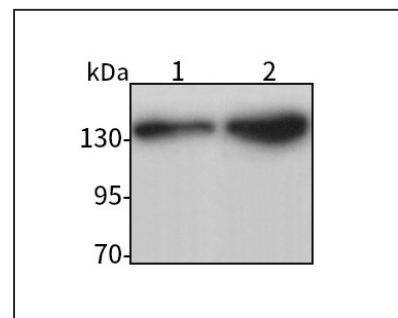
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Product Images



Western blot-Anti-p-TrkB (Y516) pAb

Lane 1: Human SH-SY5Y cell lysate
 All lanes: Anti-p-TrkB(Y516) at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 92 kDa
 Observed band size: 140 kDa



Western blot-Anti-p-TrkB (Y516) pAb

Lane 1: Rat brain tissue lysate
 Lane 2: Mouse brain tissue lysate
 All lanes: Anti-p-TrkB(Y516) at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 92 kDa
 Observed band size: 140 kDa