

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	1:500-1:1000

**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.*

Molecular Wt.	Predicted band size: 95-145 kDa
	Observed band size: 145 kDa

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

General Information BSA, 50% glycerol and less than 0.02% sodium azide

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.

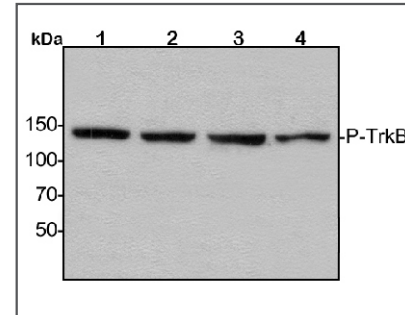
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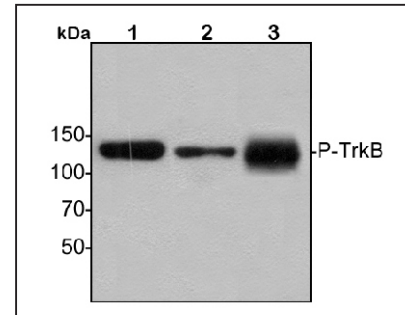
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Product Images



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

Lane 1: Human HepG2 cell lysate 30µg
Lane 2: Human HeLa cell lysate 30µg
Lane 3: Human BGC-823 cell lysate 30µg
Lane 4: Human MCF-7 cell lysate 30µg
Separation gel: 8% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Secondary antibody (WLA023a): 1:5000-1:10000, 45min
Visualization: ECL, 30s-2min



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

Lane 1: Mouse kidney tissue lysate 30µg
Lane 2: Mouse brain tissue lysate 30µg
Lane 3: Rat lung tissue lysate 30µg
Separation gel: 8% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:500 in blocking buffer, 4°C, overnight
Secondary antibody (WLA023a): 1:5000-1:10000, 45min
Visualization: ECL, 30s-2min