

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
Molecular Wt.	Predicted band size: 92 kDa	

**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.*

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.
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Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of p-TrkB (Y516).
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Purification	Polyclonal antibody was purified by Protein A affinity chromatography.
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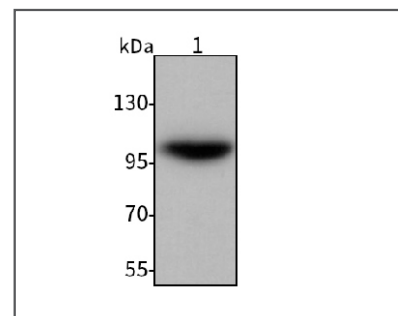
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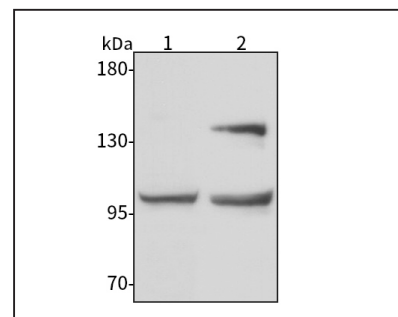
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Product Images



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

Lane 1: Human SH-SY5Y 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: Rat brain tissue lysate 30μg
Lane 2: Mouse brain 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: 1:1000 in blocking buffer, 4°C, overnight
Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
Visualization: ECL, 30s-2min