Product Name: Phospho-TrkA/B (Tyr490/Tyr516) Rabbit Monoclonal Antibody
Catalog #: AMRe03752

Summary

Production Name	Phospho-TrkA/B (Tyr490/Tyr516) Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	NTRK2
Alternative Names	NTRK2; TRKB; BDNF/NT-3 growth factors receptor; GP145-TrkB; Trk-B; Neurotrophic tyrosine kinase receptor type 2; TrkB tyrosine kinase; Tropomyosin-related kinase B
Gene ID	4915
SwissProt ID	Q16620

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 92 kDa; Observed MW: 140 kDa

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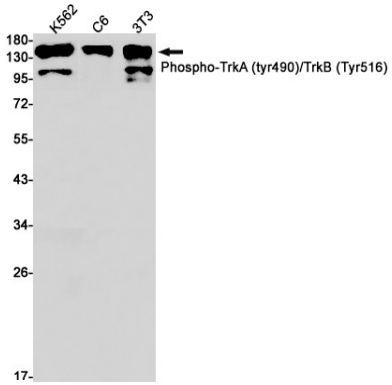
Background

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: TrkA by NGF, TrkB by BDNF or NT4, and TrkC by NT3. TrkA regulates proliferation and is important for development and maturation of the nervous system. Point mutations, deletions and chromosomal rearrangements (chimeras) cause ligand-independent receptor dimerization and activation of TrkA.

Research Area

Neuroscience

Image Data



Western blot analysis of Phospho-TrkA (tyr490)/TrkB (Tyr516) in K562, C6, 3T3 lysates using Phospho-TrkA/B (Tyr490/Tyr516) antibody.

Note

For research use only.