

**Product Name: TrkB (3K17) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe19290**

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## Summary

<b>Production Name</b>	TrkB (3K17) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,IP,IF-P
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	BDNF tropomyosine receptor kinase B; GP145 TrkB; GP145-TrkB/GP95-TrkB; GP95 TrkB;
<b>Alternative Names</b>	Neurotrophic receptor tyrosine kinase 2; Ntrk2; RATTRKB1; Tkrb; TRKB; TrkB tyrosine kinase; TRKB1; Tropomyosin related kinase B;
<b>Gene ID</b>	
<b>SwissProt ID</b>	P15209(mouse)(human:Q16620).

## Application

<b>Dilution Ratio</b>	WB 1:1000-1:5000, IHC-P/IF-P 1:100-1:200, IP 1:10-1:100
<b>Molecular Weight</b>	90,140kDa

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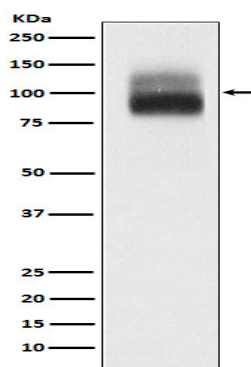
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## Background

Receptor for brain-derived neurotrophic factor (BDNF), neurotrophin-3 and neurotrophin-4/5 but not nerve growth factor (NGF). Involved in the development and/or maintenance of the nervous system. This is a tyrosine-protein kinase receptor. Known substrates for the TRK receptors are SHC1, PI-3 kinase, and PLC-gamma-1.

## Research Area

## Image Data



Western blot analysis of TrkB expression in mouse brain lysate.

## Note

For research use only.