

## Product Datasheet

# TrkB Antibody

Catalog No: CY7242

Reactivity: Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC IP



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### Information

**UniProt ID:** P15209(Mouse)

**All Names:** BDNF tropomyosine receptor kinase B; GP145 TrkB; GP145-TrkB/GP95-TrkB; GP95 TrkB; Neurotrophic receptor tyrosine kinase 2; Ntrk2; RATTRKB1; Tkrb; TRKB; TrkB tyrosine kinase; TRKB1; Tropomyosin related kinase B;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 90,140kDa

### Application

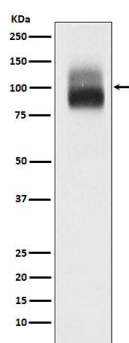
WB 1:1000~1:10000

IHC 1:50~1:200

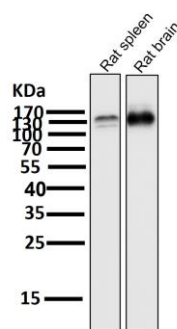
IP 1:50

### 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.



Western blot analysis of TrkB expression in mouse brain lysate.



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.

**For Research Use Only. Not For Use In Diagnostic Procedures.**

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