

Recombinant Trk B Monoclonal Antibody

catalog number: **E-AB-81617**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Rat
Immunogen	Recombinant protein of human TrkB
Host	Rabbit
Isotype	IgG
Clone	R01-8H1
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

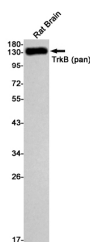
Applications

WB

Recommended Dilution

1:1000-1:5000

Data



Western blot detection of TrkB (pan) in Rat Brain cell using TrkB (pan) Rabbit mAb(1:1000 diluted). Predicted band size:92kDa.Observed band size:120-140kDa.

Observed-MW:120-140 kDa

Calculated-MW:92 kDa

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants.

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