

Anti-TrkB Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody Catalog # R013722

Product Information

Application WB, ELISA

Reactivity Mouse

Dilution WB 1:1,000~1:6,000

Host Rabbit

Clone No. 65K11K80

Isotype IgG

Label Unconjugated

Immunogen Recombinant protein of human TrkB

Format Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.

Storage Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.

Precautions Anti-TrkB Rabbit mAb [65K11K80] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms OBHD, TRKB, trk-B, GP145-TrkB.

Calculated MW: 120-140 kDa; Observed MW: 120-140 kDa

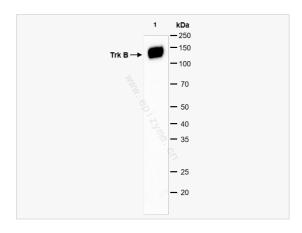
Uniprot ID Q16620 Gene ID 4915

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. [provided by RefSeq, May 2014]

Validation Images



Western Blot - Anti-TrkB Rabbit mAb [65K11K80]

All lanes: R013722 at 1:6,000 dilution

Lane 1: Balb/c mouse brain whole tissue lysates

Lysates/proteins at 10 μg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at

1:5,000 dilution

Predicted band size: 120-140 kDa Observed band size: 120-140 kDa

Developed using the ECL technique (Cat. No. SQ201).