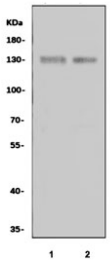
NTRK3 Antibody / TrkC (RQ7984)

Catalog No.	Formulation	Size
RQ7984	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q16288
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This NTRK3 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with NTRK3 antibody. Predicted molecular weight ~94 kDa but may be observed a higher molecular weights due to glycosylation.

Description

NTRK3 (Neurotrophic Tyrosine Kinase Receptor Type 3), also known as TRKC, is a protein that in humans is encoded by the NTRK3 gene. By PCR analysis of a somatic cell hybrid panel and by fluorescence in situ hybridization with the cDNA clone, McGregor et al.(1994) mapped the NTRK3 gene to 15q24-q25. Lamballe et al.(1991) isolated and characterized TRKC, a member of the TRK family of tyrosine protein kinase genes. They found that TRKC is preferentially expressed in the brain; in situ hybridization studies showed transcripts in the hippocampus, cerebral cortex, and the granular cell layer of the cerebellum. By functional studies in HeLa cells, Muinos-Gimeno et al.(2009) demonstrated that 5 miRNAs regulate

the truncated form of NTRK3.

Application Notes

Optimal dilution of the NTRK3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids C32-H486) was used as the immunogen for the NTRK3 antibody.

Storage

After reconstitution, the NTRK3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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