

## Anti-TrkC/NTRK3 Antibody (Monoclonal, 31N65)

Catalog Number: M02502-4

### About NTRK3

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.

### Overview

Product Name	Anti-TrkC/NTRK3 Antibody (Monoclonal, 31N65)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TrkC/NTRK3 Antibody (Monoclonal, 31N65) catalog # M02502-4. Tested in WB, IHC, IF, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal 31N65
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q16288

### Technical Details

Immunogen	Recombinant protein within human TrkC aa 3-427.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

**Suggested Dilutions**

Western blot, 1:500-2000  
Immunohistochemistry, 1:50-200  
Immunofluorescence, 1:50-200  
Immunocytochemistry/Immunofluorescence, 1:50-200  
Flow Cytometry (Fixed), 1:50-200

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