

Anti-Phospho-Trk C (Y516) NTRK3 Antibody

Catalog Number: A02502Y516

About NTRK3

Ligand-activated transcription factor. Activated by high concentrations of 9-cis-retinoic acid and all-trans-retinoic acid, but not by dexamethasone, cortisol or progesterone (in vitro). Regulation of the apolipoprotein A-I gene transcription. Binds to DNA site A.

Ladias J.A.A., Science 251:561-565(1991).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Wang L.H., Gene Expr. 1:207-216(1991).

Overview

Product Name	Anti-Phospho-Trk C (Y516) NTRK3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-Trk C (Y516) NTRK3 Antibody catalog # A02502Y516. Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, Flow Cytometry, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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	Synthesized peptide derived from human Trk C around the phosphorylation site of Y516.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:10000

Anti-Phospho-Trk C (Y516) NTRK3 Antibody (A02502Y516) Images

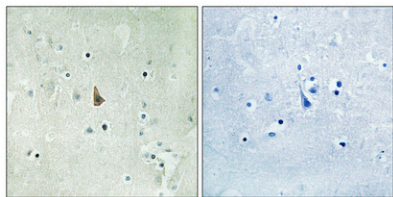


Figure 2. Immunohistochemistry validation of NTRK3 using Anti-Phospho-Trk C (Y516) NTRK3 Antibody (A02502Y516).

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C)

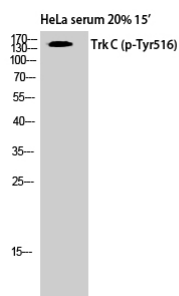


Figure 1. Western blotting validation for Anti-Phospho-Trk C (Y516) NTRK3 Antibody A02502Y516

Western Blot (WB) analysis of HeLa cells using Phospho-Trk C (Y516) polyclonal antibody.
Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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