

## Anti-Phospho-NTRK2-Tyr516 antibody (450-530) (STJ90429)

STJ90429

### GENERAL INFORMATION

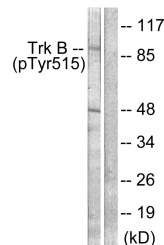
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Bdnf/Nt-3 Growth Factors Receptor-Tyr516 (450-530) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF-P, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

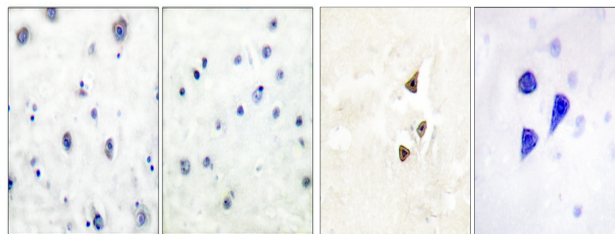
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	4915
<b>Gene Symbol</b>	NTRK2
<b>Uniprot ID</b>	NTRK2_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Trk B around the phosphorylation site of Tyr515 at amino acid range 481-530
<b>Immunogen Region</b>	450-530
<b>Specificity</b>	Phospho-NTRK2-Tyr516 polyclonal antibody (Bdnf/Nt-3 Growth Factors Receptor) binds to endogenous Bdnf/Nt-3 Growth Factors Receptor at the amino acid region 450-530 only when phosphorylated at Tyr516.
<b>Immunogen Sequence</b>	

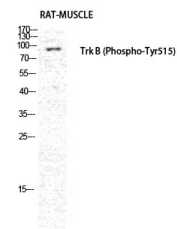


Western blot analysis of lysates from NIH/3T3 cells, using Trk B (Phospho-Tyr515) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

Immunohistochemistry analysis of paraffin-embedded human brain, using Trk B (Phospho-Tyr515) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of RAT-MUSCLE cells using Phospho-Trk B (Y516) Polyclonal Antibody diluted at 1: 1000