

## Anti-Phospho-NTRK1-Tyr791 antibody (720-800) (STJ91114)

STJ91114

### GENERAL INFORMATION

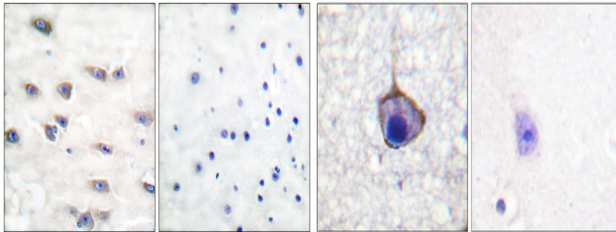
|                          |  |
|--------------------------|--|
| <b>Product Type</b>      | Primary antibodies   |
| <b>Short Description</b> | Rabbit polyclonal antibody anti-Phospho-High Affinity Nerve Growth Factor Receptor-Tyr791 (720-800) is suitable for use in Immunohistochemistry, Immunofluorescence and ELISA research applications. |
| <b>Applications</b>      | IHC-P, IF-P, ELISA   |
| <b>Host/Source</b>       | Rabbit   |
| <b>Reactivity</b>        | Human, Rat, Mouse  |

### 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</b>            | IHC 1:100-1:300  |
| <b>Range</b>               | 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>            | 4914  |
| <b>Gene Symbol</b>        | NTRK1   |
| <b>Uniprot ID</b>         | NTRK1_HUMAN   |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human Trk A around the phosphorylation site of Tyr791 at amino acid range 747-796   |
| <b>Immunogen Region</b>   | 720-800   |
| <b>Specificity</b>        | Phospho-NTRK1-Tyr791 polyclonal antibody (High Affinity Nerve Growth Factor Receptor) binds to endogenous High Affinity Nerve Growth Factor Receptor at the amino acid region 720-800 only when phosphorylated at Tyr791. |
| <b>Immunogen Sequence</b> |   |



Immunohistochemistry analysis of paraffin-embedded human brain, using Trk A (Phospho-Tyr791) Antibody. The picture 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.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
 St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081