

Trk A(Phospho Tyr791) Polyclonal Antibody

Description

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| Product type | Primary Antibody |
| Code | BT-AP15157 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human Trk A around the phosphorylation site of Tyr791. AA range:747-796 |
| Mol wt | 87497 |
| Species reactivity | Human, Rat, Mouse |
| Clonality | Polyclonal |
| Recommended application | IHC-p, IF, ELISA |
| Concentration | 1 mg/ml |
| Full name | High affinity nerve growth factor receptor |
| Synonyms | High affinity nerve growth factor receptor; NTRK1; MTC; TRK; TRKA; High affinity nerve growth factor receptor; Neurotrophic tyrosine kinase receptor type 1; TRK1-transforming tyrosine kinase protein; Tropomyosin-related kinase A; Tyrosine kinase receptor; Tyrosine kinase receptor A; |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.

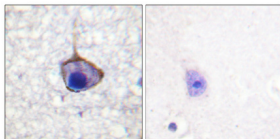
Recommended Dilution

IHC-p: 1: 100 - 1: 300

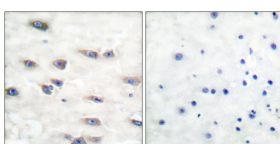
ELISA: 1: 5000

Not yet tested in other applications.

Images



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 contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using Trk A (Phospho-Tyr791) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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