

Trk A(Phospho-Tyr496) polyclonal antibody

Catalog: BS65110

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

neurotrophic receptor tyrosine kinase 1(NTRK1) Homo sapiens 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. [provided by RefSeq, Jul 2008],

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

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Swiss-Prot:

P04629

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

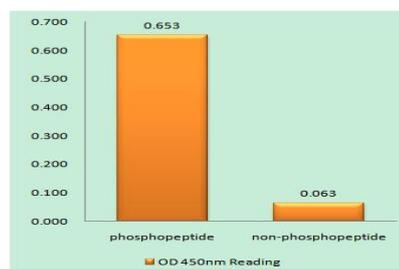
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

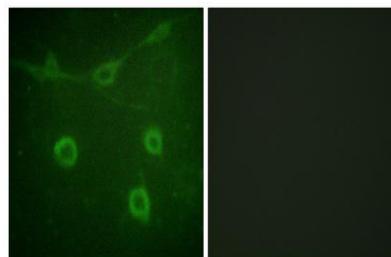
Specificity:

Phospho-Trk A (Y496) Polyclonal Antibody detects endogenous levels of Trk A protein only when phosphorylated at Y496.

DATA:



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immuno-gen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Trk A (Phospho-Tyr496) Antibody



Immunofluorescence analysis of NIH/3T3 cells, using Trk A (Phospho-Tyr496) Antibody. The picture on the right is blocked with the phospho peptide.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151