

Trk B Rabbit mAb

Catalog No: #52002



Package Size: #52002-1 50ul #52002-2 100ul

Orders: order@signalwayantibody.com
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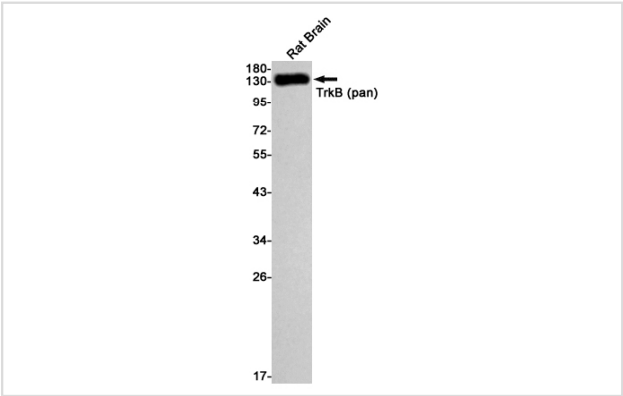
Description

| | |
|-----------------------|--|
| Product Name | Trk B Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | S01-8H1 |
| Isotype | Rabbit IgG |
| Purification | Affinity Purified |
| Applications | WB |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Description | Recombinant protein of human TrkB |
| Conjugates | Unconjugated |
| Modification | Unmodification |
| Accession No. | Swiss-Prot:Q16620GeneID:4915 |
| Uniprot | Q16620 |
| GeneID | 4915 |
| Calculated MW | Calculated MW: 92 kDa; Observed MW: 120-140 kDa |
| Concentration | 0.3 mg/ml |
| Formulation | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

Application Details

WB: 1/2000-1/10000

Images



Western blot detection of TrkB (pan) in Rat Brain cell using TrkB (pan) Rabbit mAb(1:1000 diluted).Predicted band size:92kDa.Observed band size:120-140kDa.

Background

Swiss-Prot Acc.Q16620.Receptor tyrosine kinase involved in the development and the maturation of the central and the peripheral nervous systems

through regulation of neuron survival, proliferation, migration, differentiation, and synapse formation and plasticity (By similarity).

Receptor for BDNF/brain-derived neurotrophic factor and NTF4/neurotrophin-4. Alternatively can also bind NTF3/neurotrophin-3 which is less efficient in activating the receptor but regulates neuron survival through NTRK2 (PubMed:7574684, PubMed:15494731).

Note: This product is for in vitro research use only