

Trk B Rabbit mAb

Catalog No: #52002

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

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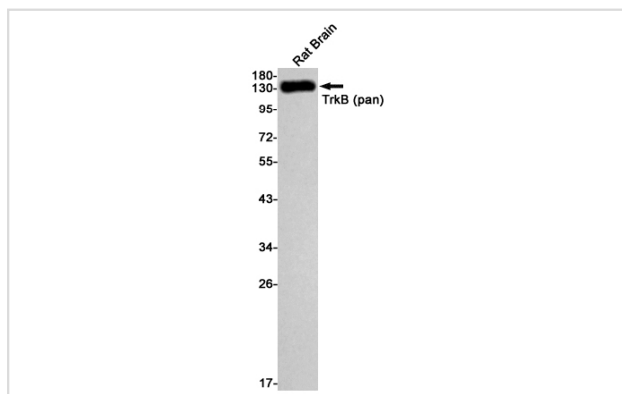
Description

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