

## TrkA+B+C Rabbit mAb

Catalog No: #56113

Package Size: #56113-1 50ul #56113-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

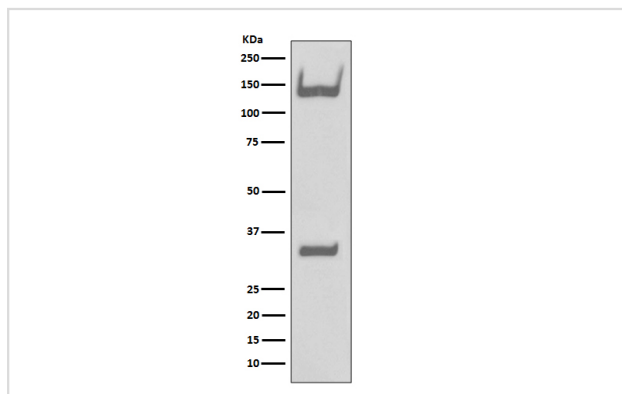
## Description

Product Name	TrkA+B+C Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	TrkA+B+C Antibody detects endogenous levels of TrkA+B+C
Immunogen Description	A synthesized peptide derived from human TrkA+B+C
Other Names	gp140trk; GP145-TrkB; GP145-TrkC; MTC; NTRK1; NTRK2; NTRK3; p140-TrkA; TRKA; TRKB; TrkB tyrosine kinase; TRKC;
Accession No.	Uniprot:P04629/Q16288/Q16620
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Calculated MW	140kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4 $\Lambda$ C short term. Store at -20 $\Lambda$ C long term. Avoid freeze / thaw cycle.

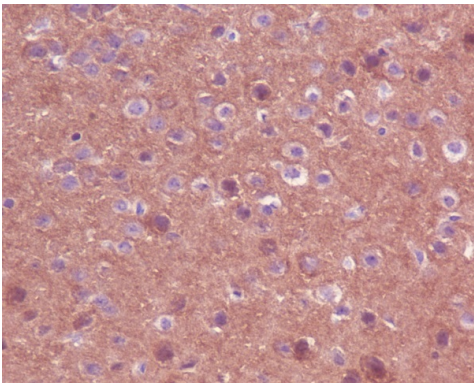
## Application Details

WB:1:1000~1:2000IHC:1:50~1:200ICC/IF:1:50~1:200

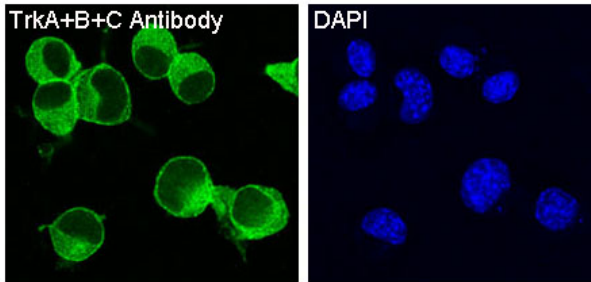
## Images



Western blot analysis of TrkA+B+C expression in Human fetal brain lysate.



Immunohistochemical analysis of paraffin-embedded mouse brain, using TrkA+B+C Antibody.



Immunofluorescent analysis of Neuro-2a cells, using TrkA+B+C Antibody.

## Product Description

The family of Trk receptor tyrosine kinases consists of TrkA, TrkB, and TrkC. While the sequence of these family members is highly conserved, they are activated by different neurotrophins: TrkA by NGF, TrkB by BDNF or NT4, and TrkC by NT3. Neurotrophin signaling through these receptors regulates a number of physiological processes, such as cell survival, proliferation, neural development, and axon and dendrite growth and patterning.

Note: This product is for in vitro research use only