

Product Datasheet

TrkA Antibody

Catalog No: CY5331

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



www.abways.com

Information

UniProt ID: P04629

All Names: NTRK1; MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 145 kDa

Application

WB: 1:500~1:2000

IHC: 1:50~1:100

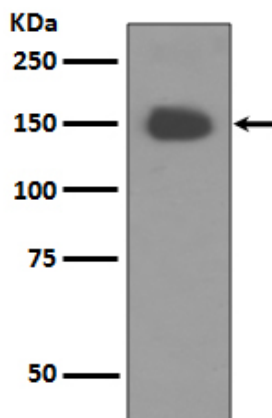
ICC/IF: 1:50~1:100

IP: 1:50

FC:1:30

Background

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. In the adult nervous system, the Trk receptors regulate synaptic strength and plasticity. TrkA regulates proliferation and is important for development and maturation of the nervous system.



Western blot analysis of TrkA expression in Human fetal brain tissue lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com