Recombinant TrkA/NTRK1 Monoclonal Antibody

catalog number: **AN300218P**

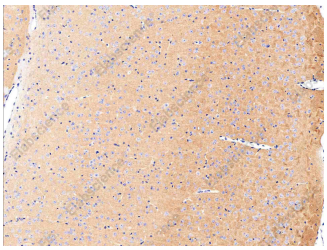
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

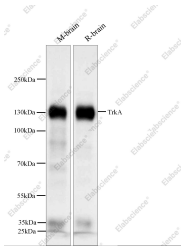
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human TrkA/NTRK1 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110147
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
WB	1:1000
IHC-P	1:200-1:1000
ICC	1:100
IP	1:20-1:50
FCM	1:100

Data



Immunohistochemical analysis of paraffin-embedded Mouse brain tissue sections using TrkA/NTRK1 Antibody (AN300218P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of Mouse brain and Rat brain cell lysates using TrkA/NTRK1 Antibody (AN300218P) at a dilution of 1:1000.
Observed-MW:140 kDa
Calculated-MW:88 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTKR) 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 behavio r, cognitive disability 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]

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