

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	IgG
Clone	C110147
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
Recommended Dilution	
WB:	1:1000; IHC-P: 1:200-1:1000; ICC/IF: 1:100; FC: 1:100; IP: 1:20-1:50
Data	



Western blot analysis of extracts from Mouse brain tissue at 1:1000.
Observed-MW:140 kDa
Calculated-MW:88 kDa

Western blot analysis of extracts from A562 cells at 1:3000.
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 (NTRK) 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 behavior, 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]