

A0072

Leader in Biomolecular Solutions for Life Science



# TrkA Rabbit pAb

Catalog No.: A0072

## Basic Information

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### Observed MW

140kDa

### Calculated MW

87kDa

### Category

Polyclonal Antibody

### Applications

WB

### Cross-Reactivity

Rat

## Background

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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.

## Recommended Dilutions

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WB 1:500 - 1:2000

## Immunogen Information

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### Gene ID

4914

### Swiss Prot

P04629

### Immunogen

A synthetic peptide of human TrkA

### Synonyms

MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA; TrkA

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

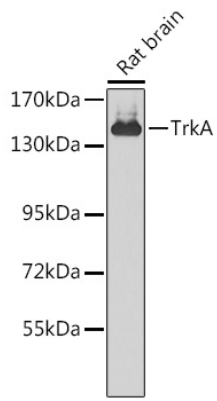
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from rat brain, using TrkA Rabbit pAb (A0072).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.