

# NTRK1 Rabbit Polyclonal Antibody



CAB2098

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

110kDa

### Calculated MW:

77kDa/83kDa/86kDa/87kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein 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, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.

## Immunogen information

### Gene ID:

4914

### Uniprot

P04629

### Synonyms:

NTRK1; MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

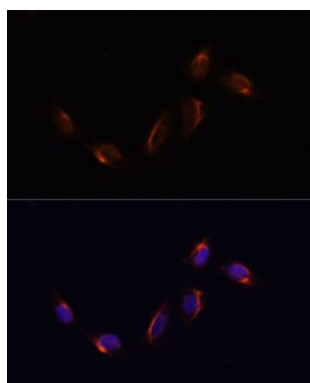
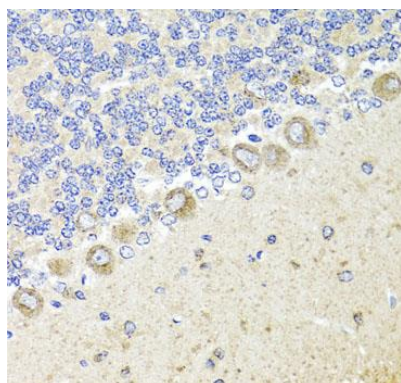
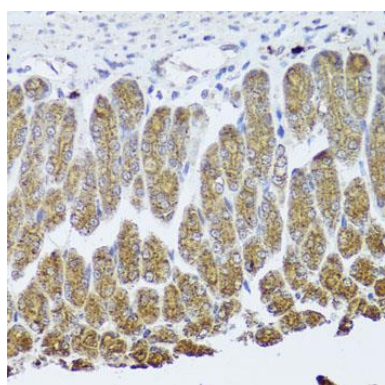
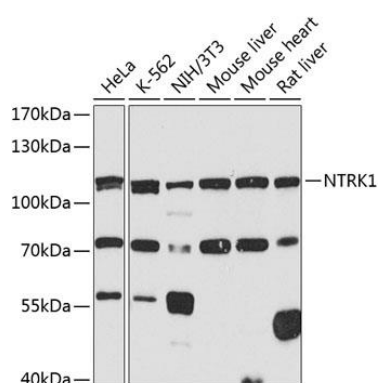
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human NTRK1 (NP\_002520.2).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images



Western blot analysis of extracts of various cell lines, using NTRK1 antibody (CAB2098) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Immunohistochemistry of paraffin-embedded mouse stomach using NTRK1 Antibody (CAB2098) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded rat cerebellum using NTRK1 Antibody (CAB2098) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of U2OS cells using TRKA antibody (CAB2098) at dilution of 1:100. Blue: DAPI for nuclear staining.