

# TrkB Rabbit Polyclonal Antibody



CAB12325

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

105kDa

### Calculated MW:

35kDa/53kDa/59kDa/60kDa/  
81kDa/91kDa/93kDa

### Applications:

WB

### Reactivity:

Human, Mouse

## Protein Background

This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

4915

### Uniprot

Q16620

### Synonyms:

NTRK2; GP145-TrkB; TRKB; trk-B; TrkB; OBHD

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

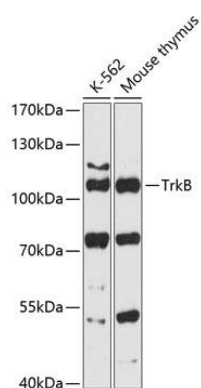
Recombinant fusion protein containing a sequence corresponding to amino acids 41-433 of human TrkB (NP\_001007098.1).

### Storage:

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

## Product Images

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Western blot analysis of extracts of various cell lines, using TrkB antibody (CAB12325) at 1:3000 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: 30s.