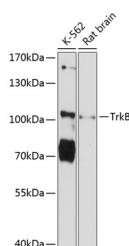


## TrkB Polyclonal Antibody

<b>Catalog No.</b>	E-AB-65863	<b>Reactivity</b>	H,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB	<b>Isotype</b>	IgG

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

### Images



Western blot analysis of extracts of various cell lines using TrkB Polyclonal Antibody at 1:3000 dilution.

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human TrkB
<b>GeneID</b>	4915
<b>Swissprot</b>	Q16620
<b>Synonyms</b>	NTRK2,GP145-TrkB,TRKB,tk-B,TrkB,OBHD

### Product Information

<b>Calculated MW</b>	35kDa/53kDa/59kDa/60kDa/81kDa/91kDa/93kDa
<b>Observed MW</b>	110kDa
<b>Buffer</b>	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.