

TrkB Rabbit Polyclonal Antibody



CAB12011

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

110kDa

Calculated MW:

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

Applications:

WB IHC

Reactivity:

Human, Rat

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 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

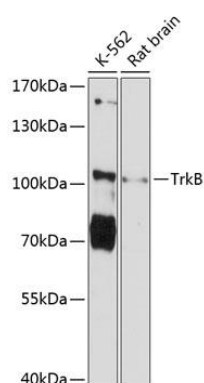
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 41-433 of human TrkB (NP_001007098.1).

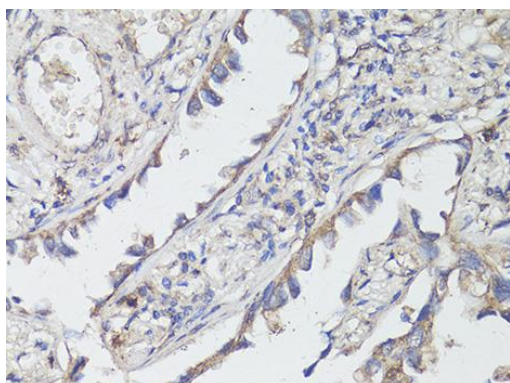
Storage:

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

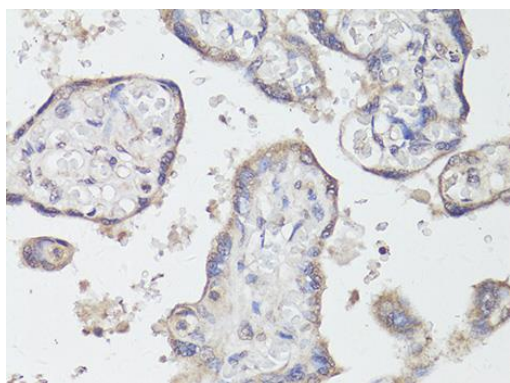
Product Images



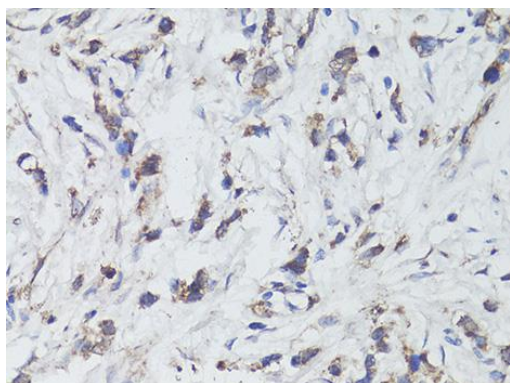
Western blot analysis of extracts of various cell lines, using TrkB Antibody (CAB12011) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human lung cancer using TrkB antibody (CAB12011) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human placenta using TrkB antibody (CAB12011) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using TrkB antibody (CAB12011) at dilution of 1:200 (40x lens).