

NTRK2 Monoclonal Antibody

Catalog No	A0487	Category	Monoclonal Antibodies
Applications	WB,IHC,FC	Observed MW	140kDa
Cross-Reactivity	Human	Calculated MW	35kDa/53kDa/59kDa/60kDa/81kDa/91kDa/93kDa

Immunogen Information

Immunogen	A synthetic peptide of human NTRK2
Gene ID	4915
Swiss Prot	Q16620
Synonyms	GP145-TrkB,OBHD,trk-B,TRKB,GP145-TrkB,trk-B,TRKB

Product information

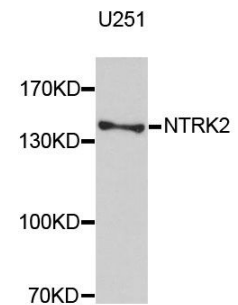
Source	Mouse
Isotype	IgG
Purity	Affinity purification
Storage	Store at 4°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, pH7.3.

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.

Recommended Dilutions

WB	1:500 - 1:1000
IHC	1:20 - 1:50
FC	1:20 - 1:50



Western blot analysis of extracts of U-251MG cells, using NTRK2 antibody (A0487) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.