

NTRK1/NTRK2/NTRK3 Rabbit Polyclonal Antibody

Catalog No: #54597

Package Size: #54597-1 50ul #54597-2 100ul



SAB[®]

Signalway Antibody

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

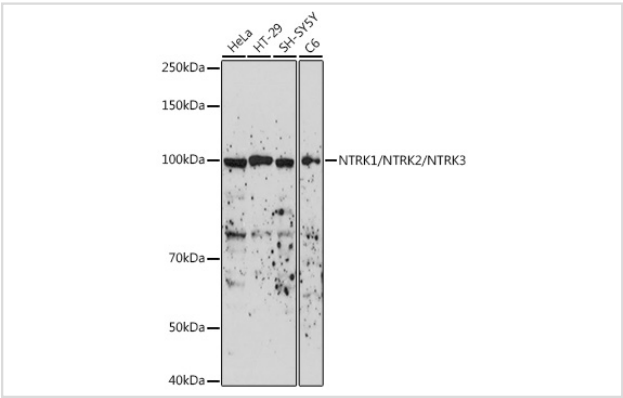
Description

Product Name	NTRK1/NTRK2/NTRK3 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human NTRK1/NTRK2/NTRK3.
Conjugates	Unconjugated
Other Names	—
Accession No.	Swiss Prot:P04629/Q16620/Q16288Gene ID:4914/4915/4916
Calculated MW	—
SDS-PAGE MW	100KDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

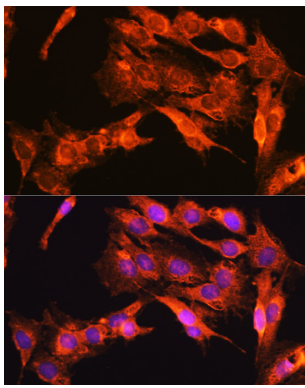
Application Details

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

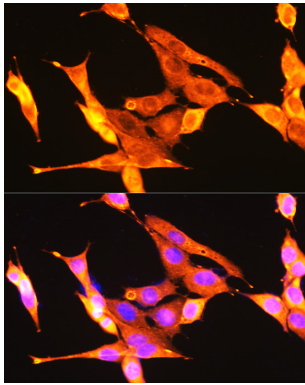
Images



Western blot analysis of extracts of various cell lines, using NTRK1/NTRK2/NTRK3 antibody.



Immunofluorescence analysis of C6 cells using NTRK1\NTRK2\NTRK3 Rabbit pAb.



Immunofluorescence analysis of NIH-3T3 cells using NTRK1\NTRK2\NTRK3 Rabbit pAb.

Background

Neurotrophic tyrosine kinase (NTRK) is a family of receptor tyrosine kinase. The NTRK gene family contains three members, NTRK1, NTRK2 and NTRK3, which produce TRKA, TRKB and TRKC proteins, respectively. TRK kinases lead to cell differentiation and may play important roles in normal neural functions. Rearrangements in the NTRK genes can result in two genes fusing together and producing altered TRK proteins, which can lead to uncontrolled growth of cancer cells. Neurotrophic tyrosine receptor kinase (NTRK) gene fusions are an actionable biomarker for cancer therapy and can be found in over 25 different types of cancer.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.