NTRK1/NTRK2/NTRK3 Polyclonal Antibody

Catalog Number:E-AB-92128

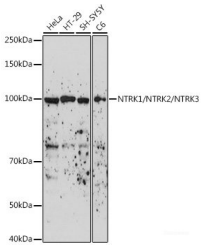
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

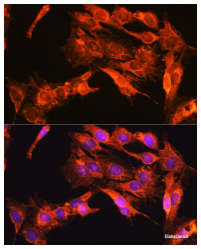
Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human NTRK1/NTRK2/NTRK3
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.01% thiomersal,50% glycerol,pH7.3.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

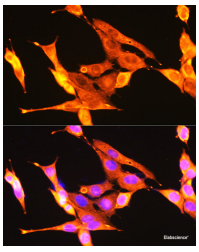
Data



Western blot analysis of extracts of various cell lines using NTRK1/NTRK2/NTRK3 Polyclonal Antibody at 1:500 dilution.
Observed Mw:100KDa



Immunofluorescence analysis of C6 cells using NTRK1/NTRK2/NTRK3 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using NTRK1/NTRK2/NTRK3 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze/thaw cycles.

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

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leads 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.

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