

pan-Trk Rabbit pAb

Catalog No.: A22121

Basic Information

Observed MW

120-140kDa

Calculated MW

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse

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.

Recommended Dilutions

WB 1:100 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4914/4915/4916

Swiss Prot

P04629/Q16620/Q16288

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 697-796 of human pan-Trk (NP_002520.2).

Synonyms

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

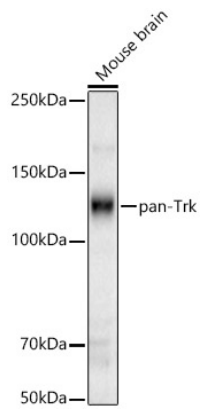
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Mouse brain, using pan-Trk Rabbit pAb (A22121) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.