

TrkA antibody

Cat. No. GTX54856

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, FCM, IHC (Free Floating), LCI
Reactivity	Human, Mouse, Rat

References (1)

Package

50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
IHC (Free Floating)	Assay dependent
LCI	Assay dependent

Not tested in other applications.

Calculated MW 88 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.025% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)ETMRHG(S)LRLNQPTH, corresponding to amino acid residues 342-356 (2nd extracellular immunoglobulin-like domain) of rat TrkA (Accession : P35739).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



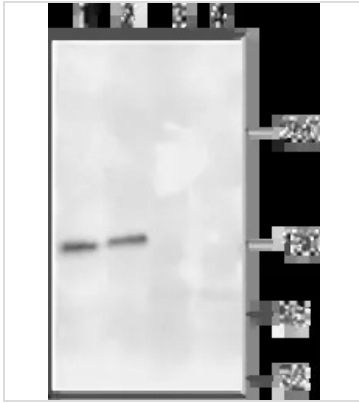
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

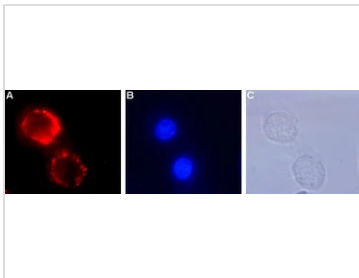
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

**GTX54856 WB Image**

WB analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain lysates using GTX54856 TrkA antibody preincubated with or without immunogen peptide.

Dilution : 1:200

**GTX54856 LCI Image**

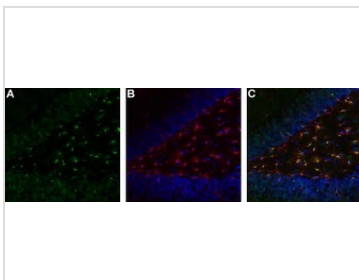
Live cell imaging analysis of live intact PC12 cells using GTX54856 TrkA antibody.

Panel A : Primary antibody (Red)

Panel B : Hoechst 33342 for nuclear staining (blue)

Panel C : Merged images of Panel A and B

Dilution : 1:50

**GTX54856 IHC (Free Floating) Image**

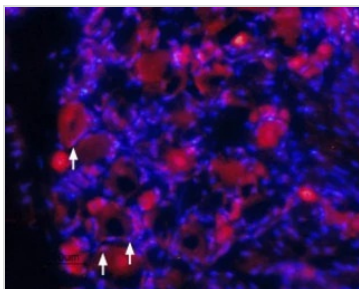
IHC-Fr (free floating) analysis of rat hippocampal dentate gyrus tissue using GTX54856 TrkA antibody.

Panel A : Brain sections were stained using Anti-TrkA Antibody (green).

Panel B : The same section was also stained for glial fibrillary acidic protein (GFAP) (red and counterstained blue).

Panel C : Overlay of A and B demonstrates co-localization of TrkA and GFAP in dentate gyrus astrocytes.

Dilution : 1:1000

**GTX54856 IHC-Fr Image**

IHC-Fr analysis of rat DRG tissue using GTX54856 TrkA antibody. TrkA (red) is expressed in DRG neurons and in satellite microglia (arrows). Hoechst 33342 is used as the counterstain.

Dilution : 1:100



For full product information, images and publications, please visit our [website](#).