

## 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



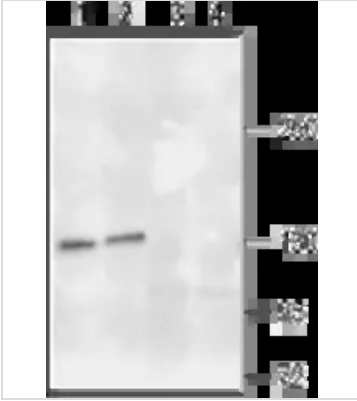
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## Note

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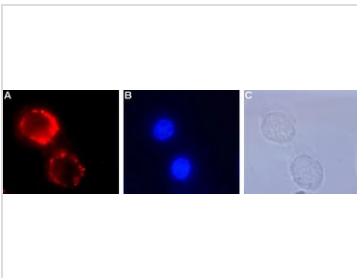
## DATA IMAGES



### 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

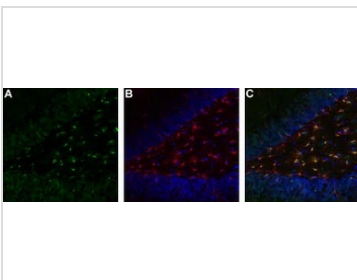
Live cell imaging analysis of live intact PC12 cells using GTX54856 TrkA antibody.

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

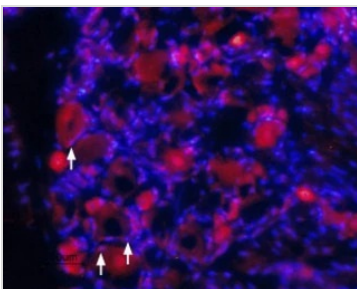
IHC-Frfl (free floating) analysis of rat hippocampal dentate gyrus tissue using GTX54856 TrkA antibody.

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



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