

# Anti-Neurotrophic Receptor Tyrosine Kinase 2 Rabbit Monoclonal Antibody



**Catalog #: 3194**

## Aliases

NTRK2; Neurotrophic Receptor Tyrosine Kinase 2; TRKB; BDNF/NT-3 Growth Factors Receptor; Neurotrophic Tyrosine Kinase Receptor Type 2; Tropomyosin-Related Kinase B; EC 2.7.10.1; GP145-TrkB; Trk-B; Neurotrophic Tyrosine Kinase, Receptor, Type 2; BDNF-Tropomyosine Receptor Kinase B; Tyrosine Kinase Receptor B; TrkB Tyrosine Kinase; EC 2.7.10; EIEE58 ; DEE58; OBHD

## Background

Gene Name: NTRK2

NCBI Gene Entry: [4915](#)

UniProt Entry: [Q16620](#)

## Application Information

Molecular Weight: Predicted, 92 kDa; observed, 100 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4460

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

Recombinant protein of Mouse TrkB(UniProt Entry: P15209)

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Immunocytochemistry (IC): 1:100-1:1,000

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### SUPPORT

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### ORDERS

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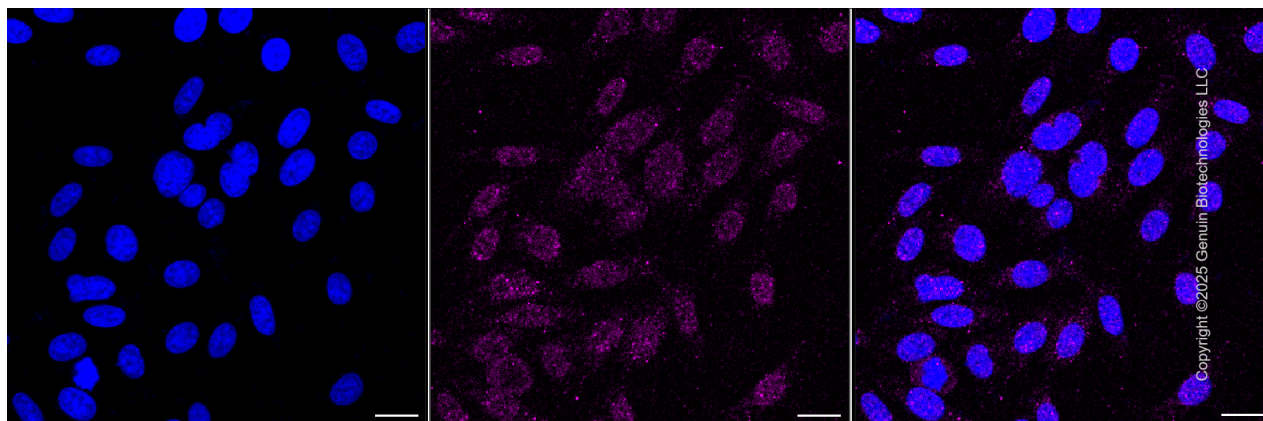
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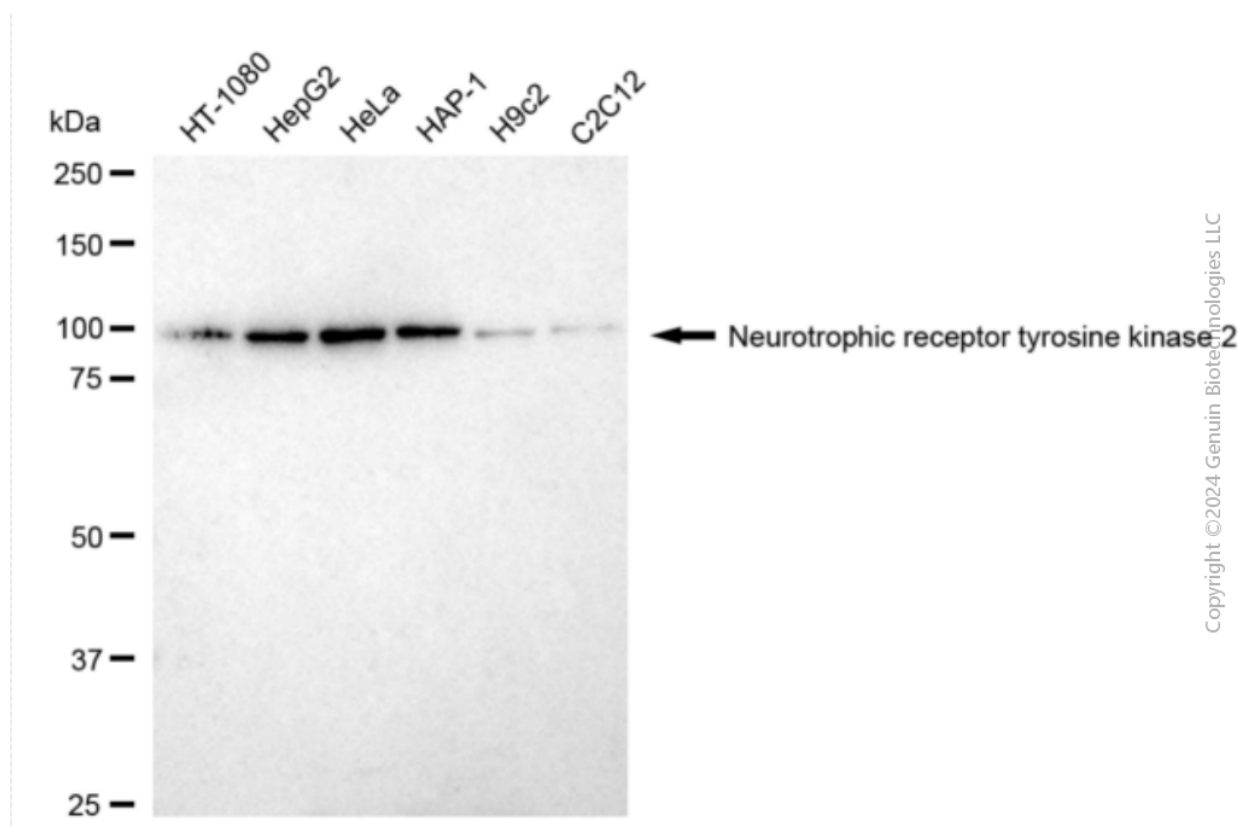
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**Note:** This product is for research use only.

## Validation Data



Immunocytochemical staining of HepG2 cells with anti-neurotrophic receptor tyrosine kinase 2 antibody (Cat#3194, 1:1,000). Nuclei were stained blue with DAPI; Neurotrophic receptor tyrosine kinase 2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20  $\mu$ m.



Western blotting analysis using anti-neurotrophic receptor tyrosine kinase 2 antibody (Cat#3194). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-neurotrophic receptor tyrosine kinase 2 antibody (Cat#3194, 1:5,000)

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and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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