

Datasheet for ABIN3031984
anti-TRKA antibody (AA 769-796)

5 Images

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Overview

Quantity:	0.4 mL
Target:	TRKA (NTRK1)
Binding Specificity:	AA 769-796
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRKA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 769-796 from the human protein was used as the immunogen for this TrKA antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	TRKA (NTRK1)
Alternative Name:	TrKA (NTRK1 Products)
Background:	TRKA (also known as NTRK1) is a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to

Target Details

cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in the TRKA gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer.

UniProt: [P04629](#)

Pathways: [RTK Signaling](#), [Neurotrophin Signaling Pathway](#), [cAMP Metabolic Process](#)

Application Details

Application Notes: Titration of the TrkA antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

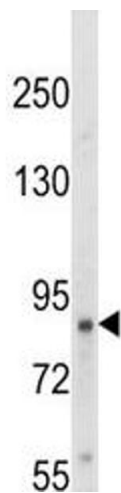
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

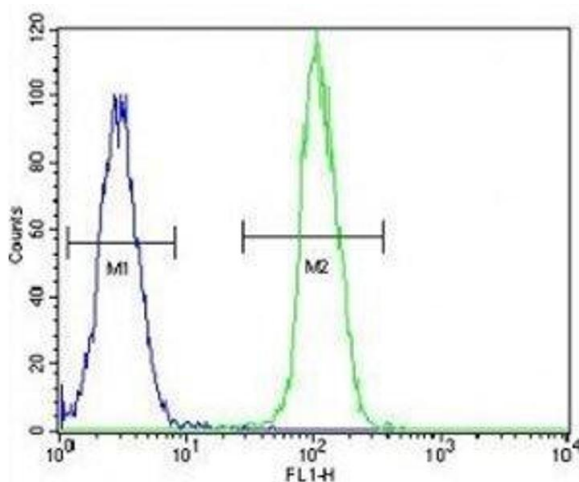
Storage: -20 °C

Storage Comment: Aliquot the TrkA antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



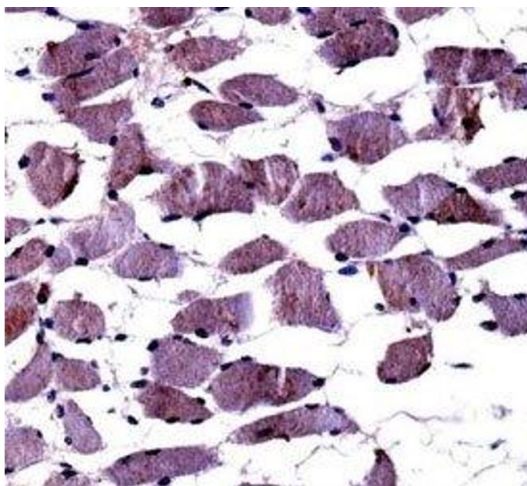
Western Blotting

Image 1. Western blot analysis of TrkA antibody and HepG2 lysate. Observed molecular weight: 85~140 kDa depending on glycosylation level.



Flow Cytometry

Image 2. TrkA antibody flow cytometric analysis of HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Immunohistochemistry

Image 3. TrkA antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3031984.