

Datasheet for ABIN652382

**anti-TRKA antibody**

3 Images

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## Overview

Quantity:	400 µL
Target:	TRKA (NTRK1)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRKA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Immunogen:	This TrkA antibody is generated from rabbits immunized with TrkA his fusion protein
Clone:	RB17710
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	TRKA (NTRK1)
Alternative Name:	TrkA ( <a href="#">NTRK1 Products</a> )
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.

Molecular Weight: 87497

Gene ID: 4914

NCBI Accession: [NP\\_001007793](#), [NP\\_001012331](#), [NP\\_002520](#)

UniProt: [P04629](#)

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

## Application Details

Application Notes: IF: 1:10~50. WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

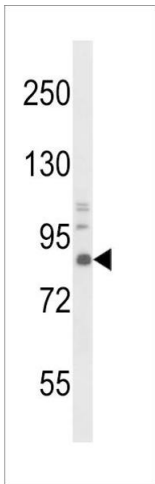
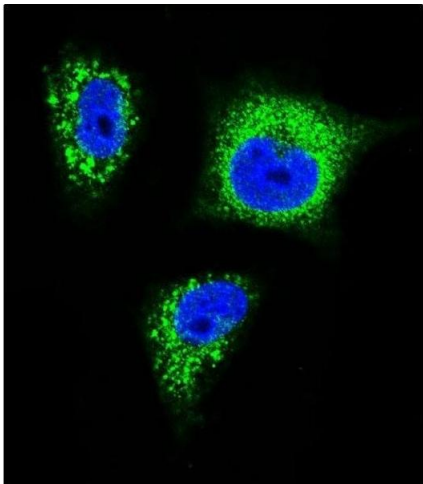
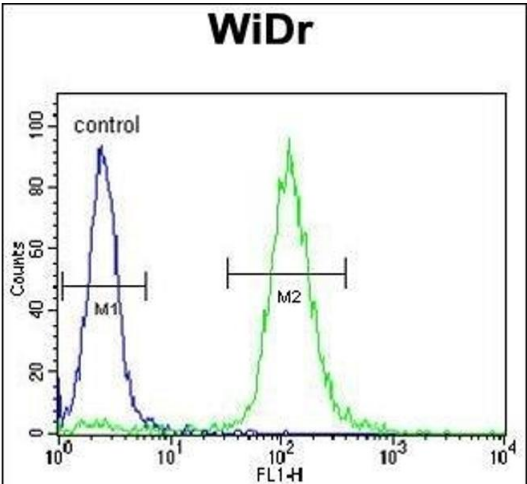
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



### Flow Cytometry

**Image 1.** TrkA Antibody f flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of TrkA Antibody f with MDA-M cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DI was used to stain the cell nuclear (blue).

### Western Blotting

**Image 3.** Western blot analysis of TrkA Antibody f in mouse brain tissue lysates (35  $\mu$ g/lane). TrkA (arrow) was detected using the purified Pab.