

Datasheet for ABIN7268895
anti-TRKA antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	TRKA (NTRK1)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRKA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	TrkA Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 700 to the C-terminus of human TrkA (NP_002520.2).
Sequence:	LYRKFTTESD VWSFGVVLWE IFTYGKQPWY QLSNTEAIDC ITQGRELERP RACPPEVYAI MRGCWQREPQ QRHSIKDVHA RLQALAQAPP VYLDVLG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

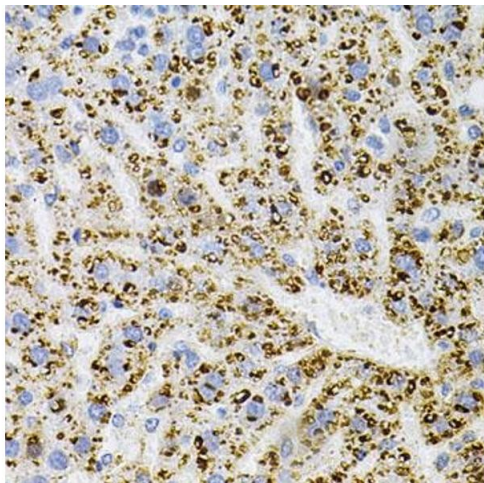
Target:	TRKA (NTRK1)
Alternative Name:	NTRK1 (NTRK1 Products)
Background:	<p>This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.,NTRK1,MTC,TRK,TRK1,TRKA,Trk-A,p140-TrkA,Cancer,Signal Transduction,Kinase,Tyrosine kinases,Cell Biology & Developmental Biology,Growth factor,Neuroscience,NTRK1</p>
Molecular Weight:	77kDa/83kDa/86kDa/87kDa
Gene ID:	4914
UniProt:	P04629
Pathways:	RTK Signaling , Neurotrophin Signaling Pathway , cAMP Metabolic Process

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

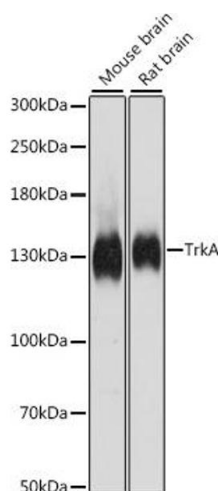
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



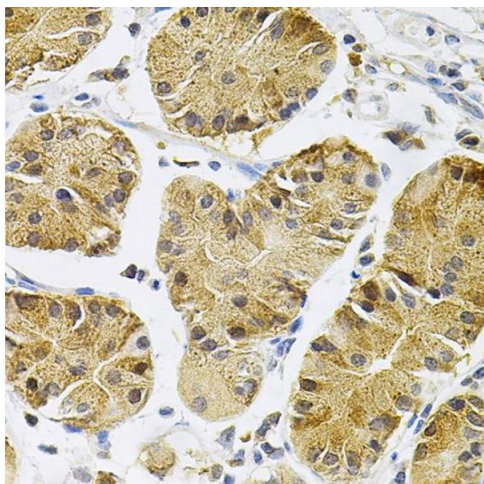
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Rat liver using TrkA antibody (ABIN7268895) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TrkA antibody (ABIN7268895) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded Human stomach using TrkA antibody (ABIN7268895) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7268895.