

Datasheet for ABIN1715057  
**anti-TRKA antibody (AA 101-200)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	TRKA (NTRK1)
Binding Specificity:	AA 101-200
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRKA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TrkA
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	TRKA (NTRK1)
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## Target Details

Alternative Name:	TrkA ( <a href="#">NTRK1 Products</a> )
Background:	<p>Synonyms: CIPA, CIPA, DKFZp781114186, gp140trk, High affinity nerve growth factor receptor, High affinity nerve growth factor receptor precursor, High affinity nerve growth factor receptor precursor, MTC, MTC, neurotrophic tyrosine kinase receptor type 1, neurotrophic tyrosine kinase receptor type 1, Ntrk 1, Ntrk1, Ntrk1, NTRK1_HUMAN, Oncogene TRK, Oncogene TRK, p140 TrkA, p140-TrkA, TRK 1, Trk A, TRK, TRK, Trk-A, TRK1, TRK1 transforming tyrosine kinase protein, TRK1-transforming tyrosine kinase protein, Tropomyosin-related kinase A, Tyrosine kinase receptor A, Tyrosine kinase receptor, Tyrosine Receptor Kinase A.</p> <p>Background: The Trk family of nerve growth factor receptors includes Trk A(also refered to as Trk A gp140),Trk B and Trk C. The prototype member of this gene family, Trk A, encodes a 140 kDa cell surface receptor , gp140, the expression of which is restricted in vivo to neurons of the sensory spinal and cranial gangliaof neurocrest origin. Nerve growth factor (NGF) stimulates tyrosine phosphorylation of Trk gp 140 in neural cell lines and in embryonic dorsal root ganglia. By comparison, BDNF and to a lesser extent, NT-3, but not NGF, can induce tyrosine phophorylayion of Trk B gp 145. The third member of the Trk receptor family, Trk C incodes a 140 kDa protein, Trk C gp140, that is preferentially expressed in brain tissue and primarily functions as a receptor for NT-3.An additional component of the Trk receptor complex, NGFR p175, binds to neurotrophic factors with low affinity but is required for efficient signaling. NGFR p175 accelerates Trk activation and may recruit downstream dffector molecules to the ligand-bound receptor complex.</p>
Gene ID:	4914
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">cAMP Metabolic Process</a>

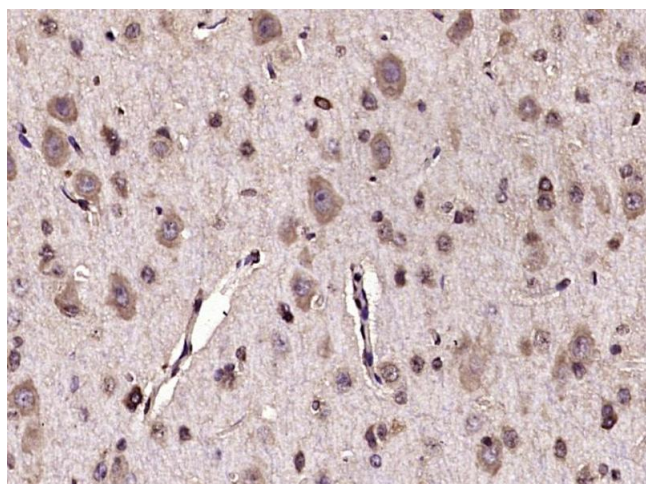
## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

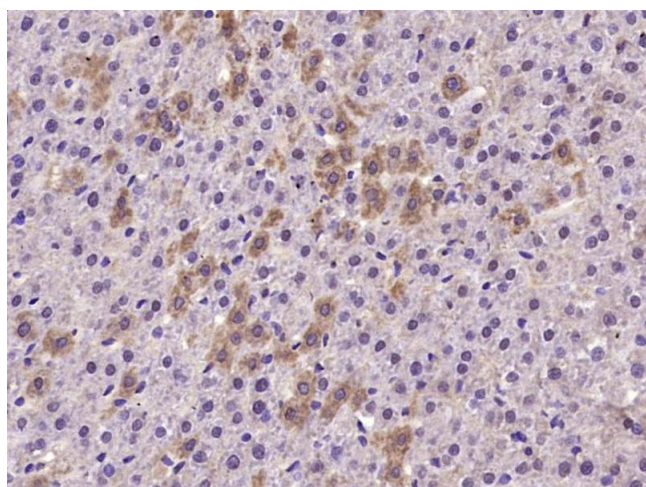
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded Rat brain Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with TrkA Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, DAB staining.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Paraformaldehyde-fixed, paraffin embedded Rat liver Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with TrkA Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, DAB staining.