



Datasheet for ABIN392066
anti-NTRK3 antibody (N-Term)



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2 Images

Overview

Quantity:	400 µL
Target:	NTRK3
Binding Specificity:	AA 31-61, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NTRK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TRKC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-61 amino acids from the N-terminal region of human TRKC.
Clone:	RB1539
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, M, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	NTRK3
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Target Details

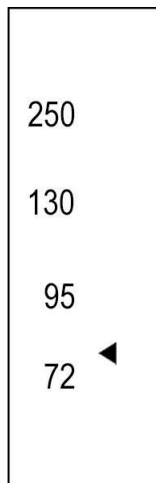
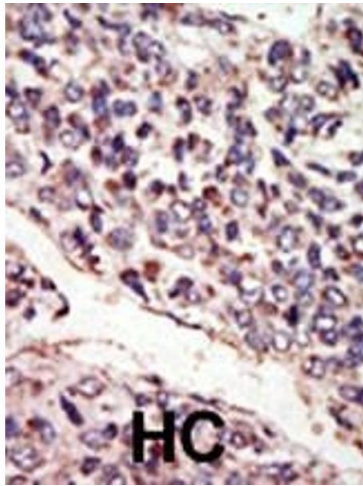
Alternative Name:	TRKC (NTRK3 Products)
Background:	TRKC, a member of the insuline receptor subfamily of Tyr protein kinases, is a receptor for neurotrophin-3 (NT-3). Known substrates for the TRK receptors are SHC, PI-3 kinase, and PLCG1. The different isoforms do not have identical signaling properties. The protein is widely expressed, mainly in the nervous tissue. The isoform B is expressed in a relatively large amount in the adult brain comparatively to fetal brain. TRKC is subject to ligand-mediated auto-phosphorylation. The protein structure contains 2 immunoglobulin-like C2-type domains and 2 leucine-rich (LRR) repeats.
Molecular Weight:	94428
Gene ID:	4916
NCBI Accession:	NP_001012338 , NP_002521
UniProt:	Q16288
Pathways:	RTK Signaling , Neurotrophin Signaling Pathway , Regulation of Cell Size

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. Western blot analysis of hTRKC-C45 (ABIN392066 and ABIN2841829) in 293 cell line lysates (35 µg/lane). TRKC (arrow) was detected using the purified Pab.