

Datasheet for ABIN389679
anti-TRKA antibody (pTyr791)



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2 Images

Overview

Quantity:	400 µL
Target:	TRKA (NTRK1)
Binding Specificity:	pTyr791
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRKA antibody is un-conjugated
Application:	Western Blotting (WB), Dot Blot (DB)

Product Details

Immunogen:	This TrkA Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y791 of human TrkA.
Clone:	RB16571-RB06984
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TRKA (NTRK1)
Alternative Name:	TrkA (NTRK1 Products)
Background:	TrkA is a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a

Target Details

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 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: WB: 1:1000. DB: 1:500

Restrictions: For Research Use only

Handling

Format: Liquid

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

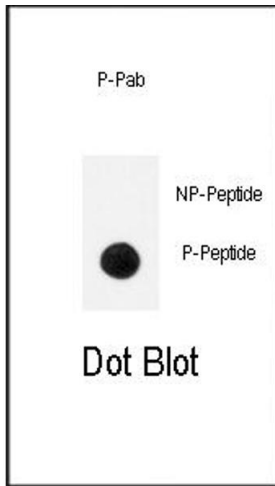
Preservative: Sodium azide

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

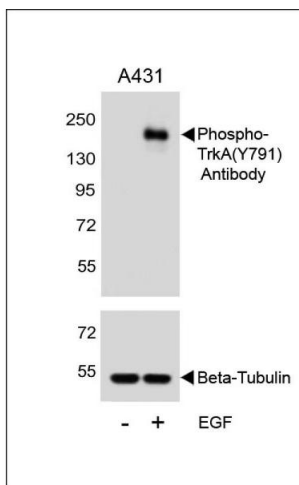
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Dot Blot

Image 1. Dot blot analysis of anti-Phospho-TrkA- Pab (ABIN389679 and ABIN2839650) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.



Western Blotting

Image 2. Western blot analysis of lysates from A431 cell line, untreated or treated with EGF, 100 ng/mL, using Phospho-TrkA Antibody (ABIN389679 and ABIN2839650) (upper) or Beta-Tubulin (lower).