

Product datasheet for **AP14438PU-N**

TrkC (NTRK3) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	ELISA: 1/1,000. Immunohistochemistry: 1/50 - 1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human TRKC.
Specificity:	This antibody reacts to TRKC.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neurotrophic receptor tyrosine kinase 3
Database Link:	Entrez Gene 4916 Human Q16288



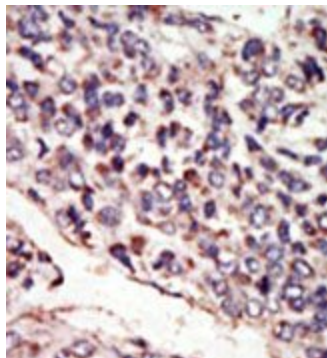
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Background:

TRKC, a member of the insulin 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.

Synonyms:

NTRK3

Product images:

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.