

ARG40506 anti-TrkC antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TrkC
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms, Hm
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TrkC
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 167-182 of Human TrkC. (DIRWMQLWQEKGAKL)
Conjugation	Un-conjugated
Alternate Names	TRKC; Neurotrophic tyrosine kinase receptor type 3; Trk-C; TrkC tyrosine kinase; NT-3 growth factor receptor; GP145-TrkC; EC 2.7.10.1; gp145(trkC)

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: By heat mediation. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

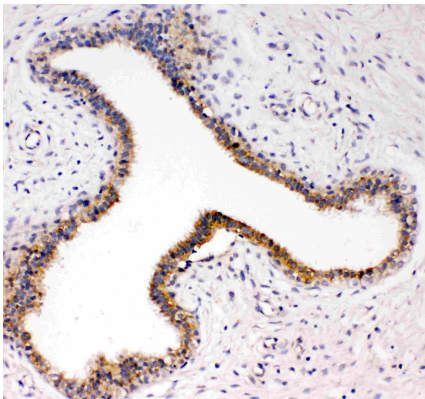
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

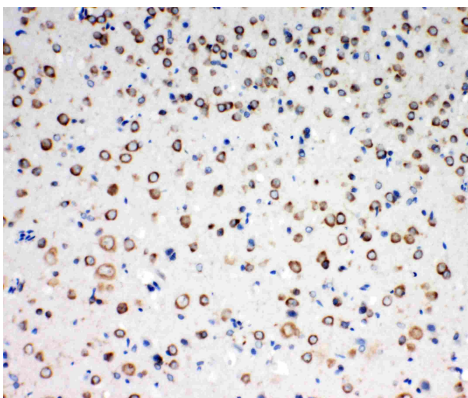
Gene Symbol	NTRK3
Gene Full Name	neurotrophic tyrosine kinase, receptor, type 3
Background	This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]
Function	Receptor for neurotrophin-3 (NT-3). This is a tyrosine-protein kinase receptor. Known substrates for the trk receptors are SHC1, PI-3 kinase, and PLCG1. The different isoforms do not have identical signaling properties. [UniProt]
Calculated Mw	94 kDa
PTM	Ligand-mediated auto-phosphorylation. [UniProt]
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG40506 anti-TrkC antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer tissue stained with ARG40506 anti-TrkC antibody.



ARG40506 anti-TrkC antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain stained with ARG40506 anti-TrkC antibody.