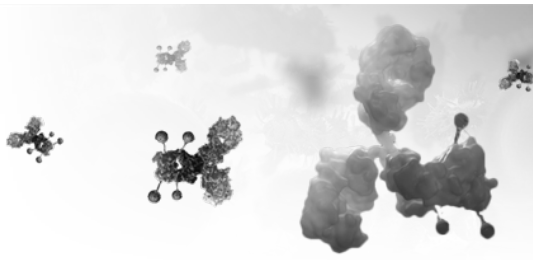

Rabbit Anti-Human TrkC monoclonal antibody, clone 8I4M30 (CABT-L1505)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Mouse and Rat.
Target	NTRK3
Immunogen	Protein corresponding to Human NTRK3 (aa 200-429)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	8I4M30
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

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BACKGROUND

Introduction	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.
Keywords	NTRK3;Neurotrophic receptor tyrosine kinase 3;TRKC;gp145(trkC);NT-3 growth factor receptor;GP145-TrkC;ETV6-NTRK3 fusion;tyrosine kinase receptor C;ETS related protein-neurotrophic receptor tyrosine kinase fusion protein

GENE INFORMATION

Entrez Gene ID	4916
UniProt ID	Q16288

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