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Anti-TRK C Antibody

Catalog # AP59646

Product Information

Application	WB
Primary Accession	Q16288
Reactivity	Human, Mouse, Rat, Pig, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94428

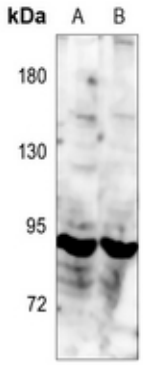
Additional Information

Gene ID	4916
Other Names	TRKC; NT-3 growth factor receptor; GP145-TrkC; Trk-C; Neurotrophic tyrosine kinase receptor type 3; TrkC tyrosine kinase
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TRK C. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	NTRK3
Synonyms	TRKC
Function	Receptor tyrosine kinase involved in nervous system and probably heart development. Upon binding of its ligand NTF3/neurotrophin-3, NTRK3 autophosphorylates and activates different signaling pathways, including the phosphatidylinositol 3-kinase/AKT and the MAPK pathways, that control cell survival and differentiation.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Widely expressed but mainly in nervous tissue. Isoform 2 is expressed at higher levels in adult brain than in fetal brain

Images



Western blot analysis of TRK C expression in mouse testis (A), rat testis (B) whole cell lysates. (Predicted band size: 94 kD; Observed band size: 94 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.