



# Rabbit Anti-Human TrkA(pTyr674 + pTyr675) + TrkB(pTyr706 + pTyr707) antibody polyclonal antibody (CABT-L6061)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody detects human Phospho-TrkA(Tyr674 + Tyr675) + TrkB(Tyr706 + Tyr707)
<b>Target</b>	Target Modification: Phospho Modification Sites: Human TrkA: pTyr674 + pTyr675 Human TrkB: pTyr706 + pTyr707
<b>Immunogen</b>	KLH conjugated Synthesised phosphopeptide derived from human TrkA around the phosphorylation site of Tyr674/675: TD(p-Y)(p-Y)RV
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Purification</b>	Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded
<b>Format</b>	Liquid, Purified
<b>Concentration</b>	Lot specific

<b>Size</b>	100 µl, 200 µl
<b>Buffer</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Preservative</b>	< 0.1% sodium azide
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a 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 this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.
<b>Keywords</b>	NTRK1; neurotrophic tyrosine kinase, receptor, type 1; MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA; high affinity nerve growth factor receptor; gp140trk; Oncogene TRK; tyrosine kinase receptor A; tropomyosin-related kinase A; TRK1-transforming tyrosine kinase protein;