

**CABP0549**

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## Product Information

<b>Product SKU:</b>	CABP0549	<b>Gene ID:</b>	4914/4915	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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## Additional Information

<b>Observed MW:</b>	140kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	35kDa/53-60kDa/77kDa/83-93kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** 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. [provided by RefSeq, Jul 2008]

**Recommended Dilution:** WB, 1:100 - 1:500

**Synonyms:** NTRK1/NTRK2; Phospho-TrkA-Y674/675 + TrkB-Y706/707

**Purification Method:** Affinity purification

**Immunogen:** A synthetic phosphorylated peptide around Y674 & Y675 of human TrkA/NTRK1 (NP\_001012331.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.