

## CAB18809

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### Product Information

<b>Product SKU:</b>	CAB18809	<b>Gene ID:</b>	4914/4915/4916	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	100kDa	<b>Conjugate:</b>	-
<b>Calculated MW:</b>	-	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** Neurotrophic tyrosine kinase (NTRK) is a family of receptor tyrosine kinase. The NTRK gene family contains three members, NTRK1, NTRK2 and NTRK3, which produce TRKA, TRKB and TRKC proteins, respectively. TRK kinases lead to cell differentiation and may play important roles in normal neural functions. Rearrangements in the NTRK genes can result in two genes fusing together and producing altered TRK proteins, which can lead to uncontrolled growth of cancer cells. Neurotrophic tyrosine receptor kinase (NTRK) gene fusions are an actionable biomarker for cancer therapy and can be found in over 25 different types of cancer.

**Recommended Dilution:** WB, 1:100 - 1:500 IF/ICC, 1:50 - 1:200

**Synonyms:** -

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 700-796 of human NTRK1/NTRK2/NTRK3 (NP\_002520.2).

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