

<b>Cat. No:</b>	AB-83821
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human TrkA
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	Western Blot: 1:500 - 1:1000 Immunohistochemistry:1:50 - 1:200
<b>Molecular Weight:</b>	120 kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA
<b>Background:</b>	<p>This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family.</p> <p>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.</p> <p>Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, cognitive disability and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles

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