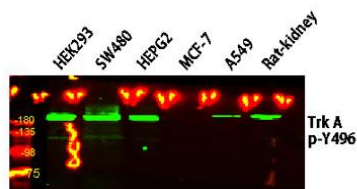
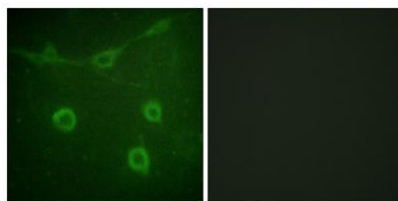


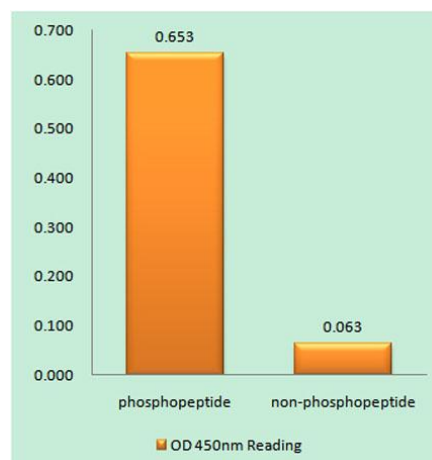
Product name:	Phospho-TrkA (Tyr496) Rabbit Polyclonal Antibody
Cat number:	ABP-11213
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized pospho peptide derived from human Trk A (Phospho-Tyr496)
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500 - 1:2000 Immunofluorescence: 1:100 - 1:500 ELISA: 1:5000 - 1:20000
Molecular Weight:	180 kDa
Purification:	Affinity Purified
Form:	Liquid
Buffer:	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.
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.



Western blot analysis of various lysates. Primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour.



Immunofluorescence analysis of NIH/3T3 cells, using Phospho-TrkA (Tyr496) Antibody. The picture on the right is blocked with the phospho peptide.



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Phospho-TrkA (Tyr496) Antibody