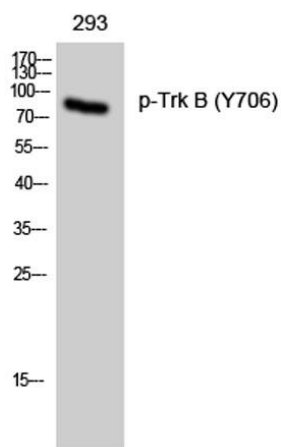
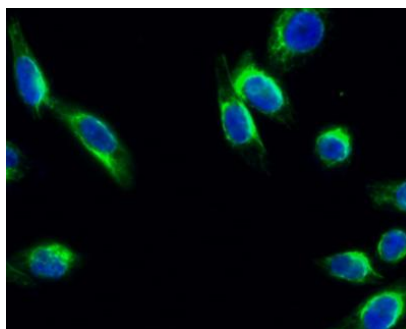


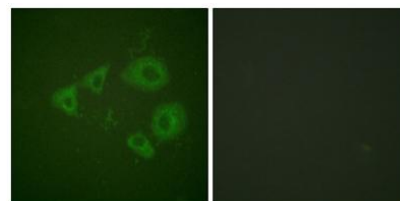
Product name:	Phospho-Trk B (Y706) Rabbit Polyclonal Antibody
Cat number:	ABP11158
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human Trk B around the phosphorylation site of Tyr705. AA range:671-720
Reactivity:	Human;Mouse;Rat
Applications:	Western Blot: 1/500 - 1/2000 Immunohistochemistry: 1/100 - 1/300 Immunofluorescence: 1/200 - 1/1000
Molecular Weight:	92kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form:	liquid
Buffer:	Liquid in 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 receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants.



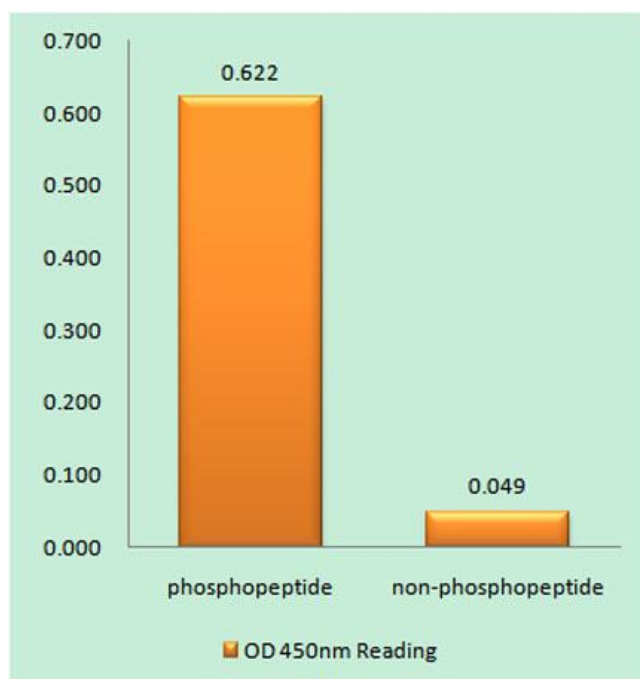
Western Blot analysis of 293 cells using Phospho-Trk B (Y706) Polyclonal Antibody diluted at 1:1000



Immunofluorescence analysis of HeLa cell. 1. Trk B (phospho Tyr706) Polyclonal Antibody (green) was diluted at 1:200 (4° overnight). 2. Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min). 3. DAPI (blue) 10min.



Immunofluorescence analysis of HUVEC cells, using Trk B (Phospho-Tyr705) 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 Trk B (Phospho-Tyr705) Antibody