

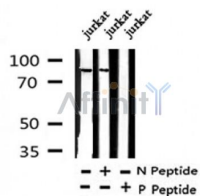
Phospho-TrkA (Tyr496) Ab

Cat.#: AF4389
Size: 50ul,100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 87kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-TrkA (Tyr496) Ab detects endogenous levels of TrkA only when phosphorylated at Tyr496.
Immunogen:	A synthesized peptide derived from human TrkA around the phosphorylation site of Tyr496.
Uniprot:	P04629
Subcellular Location:	Cell membrane. Early endosome membrane. Late endosome membrane. Internalized to endosomes upon binding of NGF or NTF3 and further transported to the cell body via a retrograde axonal transport. Localized at cell membrane and early endosomes before nerve growth factor (NGF) stimulation. Recruited to late endosomes after NGF stimulation. Colocalized with RAPGEF2 at late endosomes (By similarity).
Tissue Specificity:	Isoform TrkA-I is found in most non-neuronal tissues. Isoform TrkA-II is primarily expressed in neuronal cells. TrkA-III is specifically expressed by pluripotent neural stem and neural crest progenitors.
Similarity:	The transmembrane domain mediates interaction with KIDINS220. The extracellular domain mediates interaction with NGFR. Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of Phospho-TrkA (Tyr496) in lysates of Jurkat, using Phospho-TrkA (Tyr496) Ab(AF4389).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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