

## Anti-Phospho-TrkA (Tyr496) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 180 kDa.
Purification:	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

### Applications

Application:	ELISA,WB
Recommended	WB: 1:500-2000; ELISA: 1:5000-20000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human Trk A around the phosphorylation site of Y496
Antigen Species:	Human
Uniprot ID:	P04629
Synonyms:	p-TrkA (Y496);TrkA (p-Y496);TrkA (p-Tyr496);p-TrkA (Tyr496)

### Research Background

neurotrophic receptor tyrosine kinase 1(NTRK1) Homo sapiens 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. [provided by RefSeq, Jul 2008],

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