

## Product datasheet for **AP55777PU-N**

### TrkB (NTRK2) pTyr706/Tyr707 Rabbit Polyclonal Antibody

#### Product data:

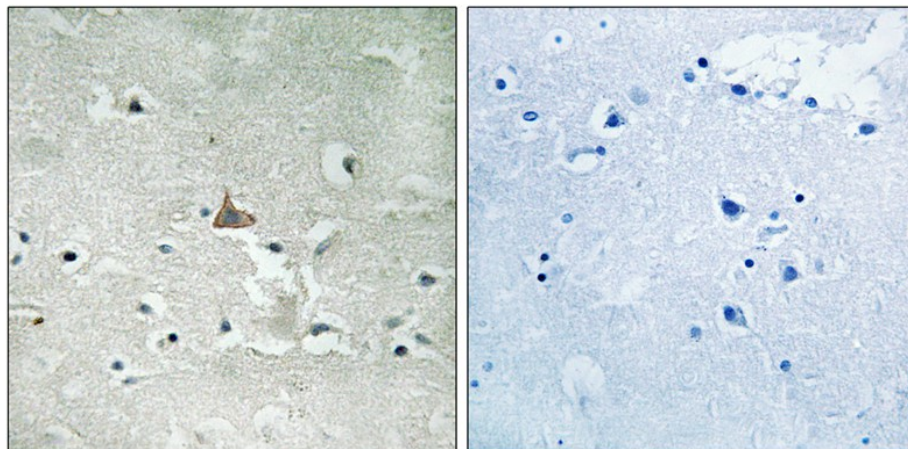
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry on paraffin sections:</b> 1:50~1:100 .
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 706/tyrosine 707 (T-D-Y(p)-Y(p)-R-V) derived from Human Trk B (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of Trk B only when phosphorylated at tyrosine 706 and tyrosine 707.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	91 kDa
Gene Name:	neurotrophic receptor tyrosine kinase 2
Database Link:	<a href="#">Entrez Gene 4915 Human Q16620</a>
Background:	Receptor for brain-derived neurotrophic factor (BDNF), neurotrophin-3 and neurotrophin-4/5 but not nerve growth factor (NGF). Involved in the development and/or maintenance of the nervous system. This is a tyrosine-protein kinase receptor. Known substrates for the TRK receptors are SHC1, PI-3 kinase, and PLC-gamma-1.



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Synonyms: TRKB, NTRK2

**Product images:**



Immunohistochemical analysis of paraffin-embedded human brain tissue using Trk B (Phospho-Tyr706/Tyr707) antibody (left) or the same antibody preincubated with blocking peptide (right).