

# Anti-Trk A (Phospho-Tyr701) Antibody



<u>Catalog No.</u>	<u>Size</u>
A100225-01	50 µl
A100225-02	100 µl

<b>Specificity</b>	Anti- Trk A (Phospho-Tyr701) (human mouse rat)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB IHC ELISA
<b>Form</b>	Liquid, 1 mg/ml

## Product

**Swiss-Prot No.:** P04629

**Other Names:** EC 2.7.10.1; High affinity nerve growth factor receptor precursor; kinase TrkA; NTRK1; p140-TrkA; Slow nerve growth factor receptor; TRK; Trk-A; TRK1 transforming tyrosine kinase protein; TRKA

## Specificity and Sensitivity

Trk A (Phospho-Tyr701) antibody detects endogenous levels of Trk A only when phosphorylated at tyrosine 701.

## Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Trk A around the phosphorylation site of tyrosine 701 (I-L-YP-R-K). The antibody was affinity-purified by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:  
WB 1:500~1:1000 IHC 1:50~1:100 ELISA 1:40000

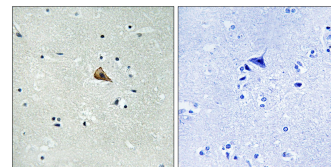
## Storage Buffer

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.

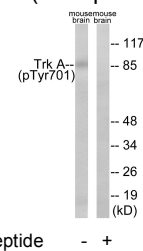
## Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

## Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue using Trk A (Phospho-Tyr701) antibody.



Western blot analysis of extracts from mouse brain cells, using Trk A (Phospho-Tyr701) antibody.

## Related Products

- PW001: Super ECL Assay kit
- E030120 : HRP, Goat Anti-Rabbit IgG(H+L)
- E030220 : AP, Goat Anti-Rabbit IgG(H+L)
- E021010: Anti-GAPDH Mouse Monoclonal Antibody
- E021020: Anti-beta Actin Mouse Monoclonal Antibody
- E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP