

# Product Datasheet

## TrkB Antibody NB100-92063

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-92063**

TrkB Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Target Molecular Weight</b>	92 kDa

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	4915
<b>Gene Symbol</b>	NTRK2
<b>Species</b>	Human, Mouse, Rat, Xenopus, Zebrafish
<b>Reactivity Notes</b>	Xenopus reactivity reported in scientific literature (PMID: 22126462).
<b>Immunogen</b>	Synthetic peptide, corresponding to amino acids 102-158 of Human TrkB..

**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:50-1:200

**Publications**

McCarthy DM, Mueller KA, Cannon EN et al. Prenatal Cocaine Exposure Alters BDNF-TrkB Signaling in the Embryonic and Adult Brain Dev. Neurosci 2017-01-28 [PMID: 28132054]

Chen Z, Lee H, Henle SJ et al. Primary Neuron Culture for Nerve Growth and Axon Guidance Studies in Zebrafish (Danio rerio). PLoS One 2013-01-01 [PMID: 23469201] (ICC/IF, Zebrafish)

Tsai CY, Chan JY, Hsu KS, et al. Brain-derived neurotrophic factor ameliorates brain stem cardiovascular dysregulation during experimental temporal lobe status epilepticus PLoS One 2012-01-01 [PMID: 22442695] (WB, Rat)

Carlstrom LP, Hines JH, Henle SJ, Henley JR. Bidirectional remodeling of beta1-integrin adhesions during chemotropic regulation of nerve growth. BMC Biology 309(1):82. 2011-11-01 [PMID: 22126462] (WB, Xenopus)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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