

Product Datasheet

TrkB [p Tyr707, p Tyr706] Antibody - BSA Free NBP2-54764-0.05mg

Unit Size: 0.05 mg

Store at -20 °C.

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NBP2-54764-0.05mg

TrkB [p Tyr707, p Tyr706] Antibody - BSA Free

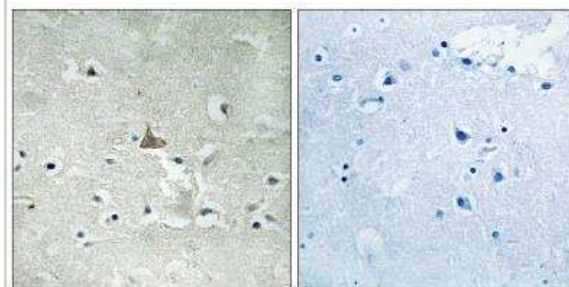
Product Information	
Unit Size	0.05 mg
Concentration	1 mg/ml
Storage	Store at -20 °C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Epitope affinity purified
Buffer	PBS (pH 7.4) (without Mg ²⁺ and Ca ²⁺), 150mM NaCl, 50% Glycerol
Target Molecular Weight	91 kDa

Product Description	
Description	Novus Biologicals Rabbit TrkB [p Tyr707, p Tyr706] Antibody - BSA Free (NBP2-54764) is a polyclonal antibody validated for use in IHC and WB. Anti-TrkB Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4915
Gene Symbol	NTRK2
Species	Human, Mouse, Rat
Specificity/Sensitivity	The antibody detects endogenous levels of TrkB only when phosphorylated at tyrosine 706 and tyrosine 707.
Immunogen	Trk B (phospho Tyr706/Tyr707) antibody was raised against a peptide sequence around phosphorylation site of tyrosine 706/tyrosine 707 (T-D-Y (p)-Y (p)-R-V) derived from Human Trk B.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry 1:10 - 1:200, Immunohistochemistry-Paraffin 1:10 - 1:500
Application Notes	This TrkB [p Tyr706] Antibody is validated for WB from a verified customer review.

Images

Immunohistochemistry-Paraffin: TrkB [p Tyr706] Antibody [NBP2-54764] - Human brain tissue using Trk B [P-Tyr706/Tyr707] antibody (left) or the same antibody preincubated with blocking peptide (right).



Publications

Mina Sadighi, Lingling Mai, Yifan Xu, Morgane Boillot, Giorgia Targa, Francesca Mottarlini, Paolo Brambilla, Peter Gass, Lucia Caffino, Fabio Fumagalli, Judith R Homberg Chronic exposure to imipramine induces a switch from depression-like to mania-like behavior in female serotonin transporter knockout rats: Role of BDNF signaling in the infralimbic cortex. Journal of affective disorders 2024-02-28 [PMID: 38280571]

Caffino L, Mottarlini F, Piva A et al. Temporal dynamics of BDNF signaling recruitment in the rat prefrontal cortex and hippocampus following a single infusion of a translational dose of ketamine Neuropharmacology 2023-10-17 [PMID: 37858883] (WB, Rat)

Details:

1:200 WB dilution

Mottarlini F, Rizzi B, Targa G et al. Long-lasting BDNF signaling alterations in the amygdala of adolescent female rats exposed to the activity-based anorexia model Frontiers in behavioral neuroscience 2022-12-08 [PMID: 36570702] (WB, Rat)

Details:

Dilution used 1:200

Mottarlini F, Fumagalli M, Castillo-Diaz F et al. Single and Repeated Exposure to Cannabidiol Differently Modulate BDNF Expression and Signaling in the Cortico-Striatal Brain Network Biomedicines 2022-08-01 [PMID: 36009400] (WB, Rat)

Details:

WB 1:500





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Products Related to NBP2-54764-0.05mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-16988PEP	TrkB Recombinant Protein Antigen

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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