



Catalog Number:	GT41014	Host:	Goat
Product Type:	Affinity Purified Antibody	Species Reactivity:	Human
Immunogen Sequence:	Synthetic peptide: Peptide with sequence ETKCNPMGYTKE, from the internal region of the protein sequence according to NP_001700.2; NP_001700.2; NP_733928.1; NP_733929.1; NP_733930.1; NP_733931.1.	Format:	Liquid 0.5 mg/ml. Tris saline, 0.02% sodium azide, pH 7.3, 0.5% BSA
Applications:	Immunohistochemistry: 3-5 µg/ml. Peptide ELISA: 1:4000.		
	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	Aliquot and store at -20°C. <i>Avoid repeated freeze-thaw cycles.</i>		
References:	Yoshii A, Constantine-Paton M. BDNF induces transport of PSD-95 to dendrites through PI3K-AKT signaling after NMDA receptor activation. <i>Nat Neurosci.</i> 2007 Jun;10(6):702-711. Epub 2007 May 21.		

Application Notes

Specificity

This antibody is expected to recognize all reported isoforms (NP_001700.2; NP_001700.2; NP_733928.1; NP_733929.1; NP_733930.1; NP_733931.1).

Immunohistochemistry:

In paraffin embedded Human Cortex shows cytoplasm staining of neuronal cells using steamed antigen retrieval with citrate buffer pH 6 and Alkaline Phosphatase (AP) staining.

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www.neuromics.com

Neuromics • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics1.com