

Product Datasheet

Nogo Receptor/NgR Antibody

NB100-1536

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1536**Nogo Receptor/NgR Antibody**

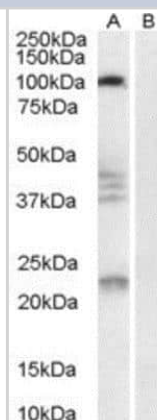
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	65078
Gene Symbol	RTN4R
Species	Human
Immunogen	Peptide with sequence C-LQALPDDTFRDLGN corresponding to internal region according to NP_075380.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Experiments gave bands at approx. 90-100 kDa band and 37+40+45 kDa band in human brain lysate after 0.3ug/ml antibody staining. These bands were successfully blocked by the immunizing peptide and they correspond to earlier findings in scientific literature with different antibodies (Wang et al, J Neurosci. 2002 Jul 1;22(13): 5505-15). This protein has a calculated MW of 50.7 kDa band according to NP_075380.1.

Images

Western Blot: Nogo Receptor/NgR Antibody [NB100-1536] - (0.3ug/ml) staining of Human Brain lysate (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Shao Z, Browning JL, Lee X, Scott ML, Shulga-Morskaya S, Allaire N, Thill G, Levesque M, Sah D, McCoy JM, Murray B, Jung V, Pepinsky RB, Mi S. TAJ/TROY, an orphan TNF receptor family member, binds Nogo-66 receptor 1 regulates axonal regeneration. Neuron;45(3):353-9. 2005-02-03 [PMID: 15694322]



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Products Related to NB100-1536

NB820-59177	Human Brain Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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