

**RABBIT ANTI-NEURITE OUTGROWTH INHIBITOR PROTEIN C (Nogo-C)
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB5670P	QUANTITY:	50 µg
LOT NUMBER:	xxxxx	CONCENTRATION:	1 mg/mL
SPECIFICITY:	Recognizes rat Neurite Outgrowth Inhibitor Protein C (Nogo-C).		
APPLICATIONS:	<u>Western blot:</u> 1-10 µg/mL using ECL. Nogo-C has a molecular weight of approximately 25 kDa (1). <u>Immunohistochemistry:</u> not tested. It is recommended that the antibody be tried at 2-20 µg/mL on paraformaldehyde fixed tissue. <u>ELISA:</u> 1:10,000-1:100,000 using 50-100 ng control peptide per well. <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Rat. The immunogen peptide is 100% conserved in human, bovine, monkey, pig, and 81% in mouse Nogo-C. Reactivity with other species has not been confirmed.		
IMMUNOGEN:	An 11 amino acid peptide sequence within the N-terminus (the putative extracellular domain) of rat/human Nogo-C (1).		
PRESENTATION:	Affinity purified immunoglobulin. Liquid in PBS containing 0.1% BSA and 0.05% sodium azide.		
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 12 months after date of receipt. Avoid repeated freeze/thaw cycles.		
RELATED REFERENCES:	Chen, M.S. et al., (2000) Nature 403, 434-439. GrandPre, T. et al., (2000) Nature 403; 439-444. Goldberg, J.L. and Barres, B.A. (2000) Nature 403; 369-370. Prinjha, R. et al., (2000) Nature 403, 383-384. Tessier-Lavigne, M. and Goodman, C.S., (2000) Science 287, 813-814. Nagase, T. et al., (1998) DNA Res. 5, 355-364.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

For research use only; not for use as a diagnostic.

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