

## Rabbit polyclonal antibody to human NOGO-A (1170-1192): Affinity purified

<b>Catalogue No.:</b>	R-1611-100
<b>Description:</b>	Neurite Outgrowth Inhibitor (NOGO) is a myelin associated neurite growth inhibitor found in oligodendrocyte and central nervous system (CNS) myelin membranes of the adult CNS. NOGO plays a role in blocking axonal regeneration in the CNS of higher vertebrates. At least 6 isoforms have been observed arising from alternative splicing. NOGO-A (Isoform 1) is specifically expressed in brain and testes and weakly expressed in heart and skeletal muscle.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide corresponding to a region (1170-1192) from the C-terminus of human NOGO-A.
<b>Antibody Type:</b>	Polyclonal
<b>Other Names:</b>	RTN 4A; Nogo-A; RTN-xL; Reticulon-4; Neurite outgrowth inhibitor; Foccen; NSP;
<b>Accession:</b>	Q9JK11 RTN4_RAT;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Cross-reactivity:</b>	Rat (WB, IHC); Mouse (WB); expected to react with human due to sequence homology
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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