

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

Catalogue No.:	R-1611-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide corresponding to a region (1170-1192) from the C-terminus of human NOGO-A.
Antibody Type:	Polyclonal
Other Names:	RTN 4A; Nogo-A; RTN-xL; Reticulon-4; Neurite outgrowth inhibitor; Foccen; NSP;
Accession:	Q9JK11 RTN4_RAT;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	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.
Cross-reactivity:	Rat (WB, IHC); Mouse (WB); expected to react with human due to sequence homology
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase

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