

Nogo-A belongs to the reticulon family ([RTN4](#)) and is generally assumed to be one of the most potent myelin associated [neurite outgrowth](#) inhibitors in the central nervous system (CNS). Together with other inhibitors such as the myelin associated glycoprotein (MAG), oligodendrocyte myelin glycoprotein (OMgp), several semaphorins and ephrins as well as chondroitin sulphate proteoglycans, Nogo-A contributes to a nonpermissive environment in the brain and spinal cord.

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