

## Goat anti-Nogo 66 receptor Antibody

<b>Item Number</b>	dAP-0654
<b>Target Molecule</b>	Principle Name: Nogo 66 receptor; Official Symbol: RTN4R; All Names and Symbols: RTN4R; Nogo-66 receptor; reticulon 4 receptor; HGNC:1860; NGR; NOGOR; UNQ330/PRO526; nogo receptor; reticulon 4 receptor precursor; OTTHUMP00000197866; Accession Number (s): NP_075380.1; Human Gene ID(s): 65078; Non-Human GeneID(s):
<b>Immunogen</b>	LQALPDDTFRDLGN, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Experiments gave bands at approx 90-100kDa and 37+40+45kDa in Human brain lysate after 0.3µg/ml antibody staining. These bands were successfully blocked by the immunizing peptide and they correspond to earlier findings in the literature wit
<b>IHC</b>	
<b>Reference</b>	Reference(s): 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 and regulates axonal regeneration. Neuron. 2005 Feb 3;45(3):353-9.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**