# Goat anti-p75NTR / CD271 (aa202-215) Antibody

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| **Item Number** | dAP-2547 |
| **Target Molecule** | Principle Name: p75NTR / CD271 (aa202-215); Official Symbol: NGFR; All Names and Symbols: NGFR; nerve growth factor receptor; CD271; Gp80-LNGFR; TNFRSF16; p75(NTR); p75NTR; NGF receptor; OT-THUMP00000220319; TNFR superfamily, member 16; low affinity nerve growth factor receptor; low affinity neurotrophin receptor p75NTR; low-affinity nerve grow; Accession Number (s): NP_002498.1; Human Gene ID(s): 4804; Non-Human GeneID(s): 18053 (mouse) 24596 (rat) |
| **Immunogen** | PEGSDSTAPSTQEP, is from internal region<br>This antibody is expected to recognize the extracellular domain of p75NTR. |
| **Applications** | Pep ELISA, WB<br><br>Species Tested: Rat |
| **Purification** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| **Supplied As** | lyophilized powder of 50ug or 100ug IgG; Reconsititute 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Peptide ELISA** | Peptide ELISA: antibody detection limit dilution 1 to 4000. |
| **Western Blot** | Western Blot: Approx 75kDa band observed in Rat Heart lysates (calculated MW of 45.2kDa according to Human NP_002498.1 and 45.4kDa according to Rat NP_036742.2. The observed molecular weight corresponds to earlier findings in literature with different an |
| **IHC** | |
| **Reference** | Reference(s): Colombo E, Romaggi S, Medico E, Menon R, Mora M, Falcone C, Lochmüller H, Confalonieri P, Mantegazza R, Morandi L, Farina C. Human neurotrophin receptor p75NTR defines differentiation-oriented skeletal muscle precursor cells: implications for muscle regeneration. J Neuropathol Exp Neurol. |

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