

Goat anti-Neurofascin (aa877-890) Antibody

Item Number	dAP-2401
Target Molecule	Principle Name: Neurofascin (aa877-890); Official Symbol: NFASC; All Names and Symbols: NFASC; neurofascin; DKFZp686P2250; FLJ46866; KIAA0756; NF; NRCAML; OTTHUMP00000065316; OTTHUMP00000065319; OTTHUMP00000065322; OTTHUMP00000065323; OTTHUMP00000065324; neurofascin homolog; Accession Number (s): NP_001005388.2; NP_001153803.1; NP_001153804.1; NP_055905.2;; Human Gene ID(s): 23114; Non-Human GeneID(s): 269116 (mouse) 116690 (rat)
Immunogen	NFSPNQTKFTVQRT, is from internal region This antibody is expected to recognize reported isoforms 1, 2, 3 and 4 (NP_001005388.2; NP_001153803.1, NP_001153804.1 and NP_055905.2 resp) .
Applications	Pep ELISA, WB Species Tested: Human, 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; 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 170kDa band observed in Human Lung and Rat Brain lysates (calculated MW of 138kDa according to NP_001005388.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Kirschbaum et al,
IHC	
Reference	Reference(s): Liu H, Focia PJ, He X. Homophilic adhesion mechanism of neurofascin, a member of the L1 family of neural cell adhesion molecules. J Biol Chem. 2011 Jan 7;286(1):797-805..PMID: 21047790->

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**