Goat anti-NEFL (aa330-343) Antibody

Item Number	dAP-3460
Target Molecule	Principle Name: NEFL (aa330-343); Official Symbol: NEFL; All Names and Symbols: NEFL; neurofilament, light polypeptide; CMT1F; CMT2E; NF-L; NF68; NFL; PPP1R110; light molecular weight neurofilament protein; neurofilament protein, light chain; neurofilament subunit NF-L; neurofilament triplet L protein; neurofilament, light polypeptid; Accession Number (s): NP_006149.2; Human Gene ID(s): 4747; Non-Human GeneID(s): 18039 (mouse) 83613 (rat)
Immunogen	EKQLQELEDKQNAD, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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. 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 68-70kDa band observed in lysates of Neuroblastoma cell line KELLY (calculated MW of 61.5kDa according to NP_006149.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sou
IHC	
Reference	Reference(s): Lu CH, Macdonald-Wallis C, Gray E, Pearce N, Petzold A, Norgren N, Giovannoni G, Fratta P, Sidle K, Fish M, Orrell R, Howard R, Talbot K, Greensmith L, Kuhle J, Turner MR, Malaspina A. Neurofilament light chain: A prognostic biomarker in amyotrophic lateral sclerosis. Neurology 2015 Jun 84 (22):

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