

Goat anti-NEFM / NF-M Antibody

Item Number	dAP-1909
Target Molecule	Principle Name: NEFM / NF-M; Official Symbol: NEFM; All Names and Symbols: NEFM; neurofilament, medium polypeptide; NEF3; NF-M; NFM; neurofilament triplet M protein; neurofilament, medium polypeptide 150kDa; neurofilament-3 (150 kD medium); Accession Number (s): NP_005373.2; Human Gene ID(s): 4741; Non-Human GeneID(s): 18040 (mouse) 24588 (rat)
Immunogen	QASHITVERKDYLK, is from internal region This antibody is expected to recognize reported isoform 1 (NP_005373.2) only.
Applications	Pep ELISA, WB Species Tested: Mouse
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 128000.
Western Blot	Western Blot: Approx 170-200kDa band observed in Mouse Brain lysates (calculated MW of 102kDa according to NP_005373.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended co
IHC	
Reference	Reference(s): Levy E, Liem RK, D'Eustachio P, Cowan NJ Structure and evolutionary origin of the gene encoding mouse NF-M, the middle-molecular-mass neurofilament protein European J. Biochem. 1987 Jul 166 (1): 71-7.PMID: 3036526->

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**