

Goat anti-NMNAT3 (aa149-162) Antibody

Item Number	dAP-2495
Target Molecule	Principle Name: NMNAT3 (aa149-162); Official Symbol: NMNAT3; All Names and Symbols: NMNAT3; nicotinamide nucleotide adenylyltransferase 3; PNAT3; NMN adenylyltransferase 3; NaMN adenylyltransferase 3; nicotinamide mononucleotide adenylyltransferase 3; nicotinate-nucleotide adenylyltransferase 3; pyridine nucleotide adenylyltransferase 3; Accession Number (s): NP_835471.1; NP_001186976.1; Human Gene ID(s): 349565; Non-Human GeneID(s):
Immunogen	QHNIHLAKEPVQNE, is from internal region This antibody is expected to recognize both reported isoforms (NP_835471.1; NP_001186976.1).
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; 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 32000.
Western Blot	Western Blot: Approx 26kDa band observed in Human Kidney lysates (calculated MW of 24.1kDa according to NP_835471.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Sorci L, Cimadamore F, Scotti S, Petrelli R, Cappellacci L, Franchetti P, Orsomando G, Magni G. Initial-rate kinetics of human NMN-adenylyltransferases: substrate and metal ion specificity, inhibition by products and multisubstrate

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**