

## Goat anti-NMNAT3 (aa149-162) Antibody

<b>Item Number</b>	dAP-2495
<b>Target Molecule</b>	Principle Name: NMNAT3 (aa149-162); Official Symbol: NMNAT3; All Names and Symbols: NMNAT3; nicotinamide nucleotide adenyltransferase 3; PNAT3; NMN adenyltransferase 3; NaMN adenyltransferase 3; nicotinamide mononucleotide adenyltransferase 3; nicotinate-nucleotide adenyltransferase 3; pyridine nucleotide adenyltransferase 3; Accession Number (s): NP_835471.1; NP_001186976.1; Human Gene ID(s): 349565; Non-Human GeneID(s):
<b>Immunogen</b>	QHNIHLAKEPVQNE, is from internal region This antibody is expected to recognize both reported isoforms (NP_835471.1; NP_001186976.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Sorci L, Cimadamore F, Scotti S, Petrelli R, Cappellacci L, Franchetti P, Orsomando G, Magni G. Initial-rate kinetics of human NMN-adenyltransferases: 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**