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anti-NMNAT3 antibody (AA 149-162)





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Overview

Quantity:	100 μg
Target:	NMNAT3
Binding Specificity:	AA 149-162
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NMNAT3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	NMNAT3 (aa149-162)
Immunogen:	Peptide with sequence C-QHNIHLAKEPVQNE, from the internal region of the protein sequence according to NP_835471.1, NP_001186976.1.
Sequence:	QHNIHLAKEP VQNE
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_835471.1, NP_001186976.1).
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details Grade: Verified **Target Details** Target: NMNAT3 NMNAT3 (NMNAT3 Products) Alternative Name Background: NMNAT3, nicotinamide nucleotide adenylyltransferase 3, PNAT3, NMN adenylyltransferase 3, NaMN adenylyltransferase 3, nicotinamide mononucleotide adenylyltransferase 3, nicotinatenucleotide adenylyltransferase 3, pyridine nucleotide adenylyltransferase 3 Molecular Weight: 24.1kDa according to NP_835471.1 Gene ID: 349565 NCBI Accession: NP_835471, NP_001186976 **Application Details** Application Notes: Western Blot: Approx 26 kDa band observed in Human Kidney lysates (calculated MW of 24.1 kDa according to NP_835471.1). Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. Sodium azide Preservative: Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Handling Advice: Minimize freezing and thawing. -20 °C Storage: Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Western Blotting

Image 1. ABIN768635 ($0.1\mu g/ml$) staining of Human Kidney lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.