

Datasheet for ABIN768603 anti-NMNAT3 antibody (Internal Region)

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1 Image

Overview

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

Product Details

Purpose:	Nmnat3 (mouse)
Immunogen:	Peptide with sequence C-KALGQGQSVKYLLPE, from the internal region of the protein sequence according to NP_653116.1.
Sequence:	KALGQGQSVK YLLPE
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_835471.1, NP_001186976.1).
Cross-Reactivity:	Mouse
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
Alternative Name:	Nmnat3 (NMNAT3 Products)
Background:	Nmnat3, nicotinamide nucleotide adenylyltransferase 3, 4933408N02Rik, MGC102340, PNAT3, NMN adenylyltransferase 3, OTTMUSP00000025890, OTTMUSP00000025891, naMN adenylyltransferase 1, nicotinamide mononucleotide adenylyltransferase 3, nicotinate-nucleotide
Molecular Weight:	27.7kDa according to NP_653116.1
Gene ID:	74080
NCBI Accession:	NP_653116

Application Details

Application Notes:	Western Blot: Approx 28 kDa band observed in Mouse Heart lysates (calculated MW of 27.7 kDa according to NP_653116.1). Recommended concentration: 0.5-2 µg/mL. An additional strong band of unknown identity was also consistently observed at 75 kDa. This band w Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

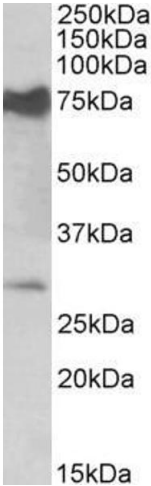
Handling

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.
Preservative:	Sodium azide
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.
Storage:	-20 °C

Handling

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.

Images



Western Blotting

Image 1. ABIN768603 (0.5µg/ml) staining of Mouse Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.