

Datasheet for ABIN1387483
anti-NMNAT1 antibody (AA 201-279)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NMNAT1
Binding Specificity:	AA 201-279
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMNAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Nmnat1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NMNAT1
Alternative Name:	Nmnat1 (NMNAT1 Products)
Background:	Synonyms: NaMN adenylyltransferase 1, Nicotinamide mononucleotide adenylyltransferase 1,

Target Details

nicotinamide nucleotide adenylyltransferase 1, nicotinate nucleotide adenylyltransferase 1, Nicotinate-nucleotide adenylyltransferase 1, NMN adenylyltransferase 1, NMNA1_HUMAN, Nmnat 1, Nmnat1, Nmnat-1, OTTHUMP000000001731, OTTHUMP000000001732, OTTHUMP000000035892, PNAT 1, PNAT1, pyridine nucleotide adenylyltransferase 1.

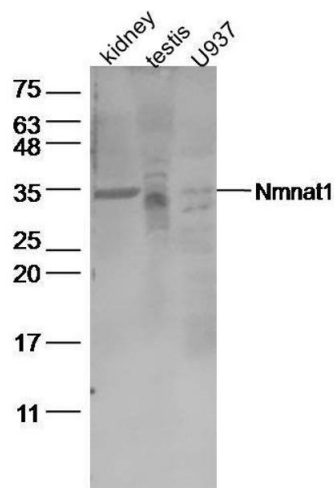
Background: Nicotinamide adenine dinucleotide (NMNAT) is an essential cofactor involved in fundamental processes in cell metabolism. NMNAT plays a key role in NAD(+) biosynthesis, catalysing the condensation of nicotinamide mononucleotide and ATP, and yielding NAD(+) and pyrophosphate. NMNAT appears to be a substrate of nuclear kinases and contains at least three potential phosphorylation sites. The interaction of NMNAT with nuclear proteins is likely to be modulated by phosphorylation. NMNAT is widely expressed with highest levels in skeletal muscle, heart, liver and kidney.

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Western Blotting

Image 1. Lane 1: Mouse kidney lysates, Lane 2: Mouse testis lysates, Lane 3: U937 Cell lysates, probed with Nmnat1 Polyclonal Antibody, unconjugated (bs-11738R) at 1:500 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.