

Datasheet for ABIN2783658

**anti-NMNAT3 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	NMNAT3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMNAT3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	QVIQGIISPV NDTYGKKDLA ASHHRVAMAR LALQTSDWIR VDPWESEQAQ
Predicted Reactivity:	Guinea Pig: 79%, Human: 100%, Mouse: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against NMNAT3. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	NMNAT3
Alternative Name:	NMNAT3 ( <a href="#">NMNAT3 Products</a> )
Background:	This gene encodes a member of the nicotinamide/nicotinic acid mononucleotide adenylyltransferase family. These enzymes use ATP to catalyze the synthesis of nicotinamide

## Target Details

adenine dinucleotide or nicotinic acid adenine dinucleotide from nicotinamide mononucleotide or nicotinic acid mononucleotide, respectively. The encoded protein is localized to mitochondria and may also play a neuroprotective role as a molecular chaperone. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alias Symbols: PNAT3, FKSG76, PNAT-3

Protein Size: 215

Molecular Weight: 24 kDa

Gene ID: 349565

NCBI Accession: [NM\\_178177](#), [NP\\_835471](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 215 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-NMNAT3 Antibody  
Catalog Number: ARP49144  
Lot Number: QC20499  
Lane: Fetal Brain Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

Western Blotting

**Image 1.** WB Suggested Anti-NMNAT3 Antibody Titration:  
1.0 ug/ml Positive Control: Fetal Brain