

Datasheet for ABIN2783658 anti-NMNAT3 antibody (N-Term)

1 Image



Go to Product page

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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 (NMNAT3 Products)	
Background:	This gene encodes a member of the nicotinamide/nicotinic acid mononucleotide	
	adenylyltransferase family. These enzymes use ATP to catalyze the synthesis of nicotinamide	

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

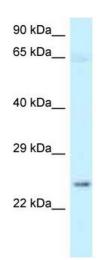
NCBI Accession: NM_178177, NP_835471

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

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