

Datasheet for ABIN629615
anti-NMNAT1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	NMNAT1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMNAT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	NMNAT1 antibody was raised using the N terminal of NMNAT1 corresponding to a region with amino acids PVGDAYKKKGLIPAYHRVIMAEATKNSKWVEVDTWESLQKEWKETLKV L
Specificity:	NMNAT1 antibody was raised against the N terminal of NMNAT1
Purification:	Purified

Target Details

Target:	NMNAT1
Alternative Name:	NMNAT1 (NMNAT1 Products)
Background:	The coenzyme NAD and its derivatives are involved in hundreds of metabolic redox reactions and are utilized in protein ADP-ribosylation, histone deacetylation, and in some Ca(2+) signaling pathways. NMNAT (EC 2.7.7.1) is a central enzyme in NAD biosynthesis, catalyzing the

Target Details

condensation of nicotinamide mononucleotide (NMN) or nicotinic acid mononucleotide (NaMN) with the AMP moiety of ATP to form NAD or NaAD.

Molecular Weight: 32 kDa (MW of target protein)

Application Details

Application Notes: WB: 0.25 µg/mL
Optimal conditions should be determined by the investigator.

Comment: NMNAT1 Blocking Peptide, catalog no. 33R-7409, is also available for use as a blocking control in assays to test for specificity of this NMNAT1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NMNAT1 antibody in PBS

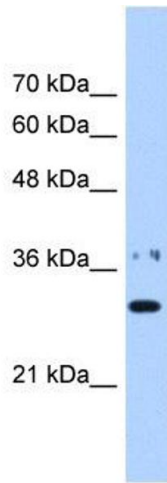
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. NMNAT1 antibody used at 0.25 ug/ml to detect target protein.