

## NMNAT1 Polyclonal Antibody

Catalog No: #30721

Package Size: #30721-1 50ul #30721-2 100ul

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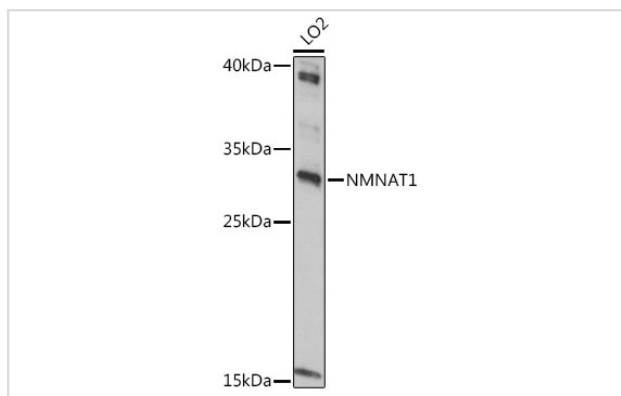
## Description

Product Name	NMNAT1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human Mouse
Immunogen Description	Recombinant fusion protein of human NMNAT1 (NP_073624.2).
Other Names	NMNAT1;LCA9;NMNAT;PNAT1
Accession No.	Uniprot:Q9HAN9GeneID:64802
Calculated MW	32kDa
SDS-PAGE MW	32kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of LO2 cells, using NMNAT1 antibody.

## Background

This gene encodes an enzyme which catalyzes a key step in the biosynthesis of nicotinamide adenine dinucleotide (NAD). The encoded enzyme is one of several nicotinamide nucleotide adenylyltransferases, and is specifically localized to the cell nucleus. Activity of this protein leads to the activation of a nuclear deacetylase that functions in the protection of damaged neurons. Mutations in this gene have been associated with Leber congenital amaurosis 9. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are located on chromosomes 1, 3, 4, 14, and 15.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.