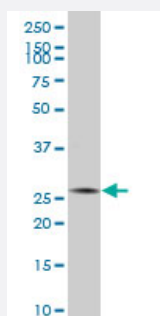


NMNAT3 polyclonal antibody (A01)

Catalog # H00349565-A01

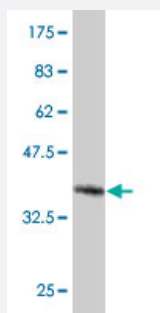
Size 50 uL

Applications



Western Blot (Cell lysate)

NMNAT3 polyclonal antibody (A01), Lot # 060717JCS1 Western Blot analysis of NMNAT3 expression in A-431 (Cat # L015V1).



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant NMNAT3.
Immunogen	NMNAT3 (NP_835471, 116 a.a. ~ 215 a.a) partial recombinant protein with GST tag.
Sequence	IQEIVEKFGLVCVGRVGHDPKGYAESPILRMHQHNIHLAKEPVQNEISATYIRRALGQGQSVKYLIPD AVITYIKDHGLYTKGSTWKGKSTQSTEGKTS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

NMNAT3 polyclonal antibody (A01), Lot # 060717JCS1 Western Blot analysis of NMNAT3 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NMNAT3

Entrez GeneID[349565](#)**GeneBank Accession#**[NM_178177](#)**Protein Accession#**[NP_835471](#)**Gene Name**

NMNAT3

Gene Alias

PNAT-3, PNAT3

Gene Description

nicotinamide nucleotide adenyltransferase 3

Omim ID[608702](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 condensation of nicotinamide mononucleotide (NMN) or nicotinic acid mononucleotide (NaMN) with the AMP moiety of ATP to form NAD or NaAD (Zhang et al., 2003 [PubMed 12574164]).[supplied by OMIM]

Other Designations

pyridine nucleotide adenyltransferase 3

Pathway

- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)