

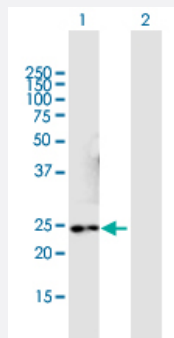
MaxPab®

NMNAT3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00349565-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NMNAT3 expression in transfected 293T cell line ([H00349565-T01](#)) by NMNAT3 MaxPab polyclonal antibody.

Lane 1: NMNAT3 transfected lysate(23.65 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NMNAT3 protein.
Immunogen	NMNAT3 (NP_835471.1, 1 a.a. ~ 215 a.a) full-length human protein.
Sequence	MYQVIQGIISPVNDTYGKKDLAASHHRVAMARLALQTSDWIRVDPWESEQAQWMETVKVLRHHH SKLLRSPPMEGPDHGKALFSTPAAVPELKLLCGADVLTQTPNLWKDAHIQEMVEKFGLVCVG RVGHDPKGYAESPILRMHQHNHILAKEPVQNEISATYRRALGQGQSVKYLPDAVITYIKDHGLYTK GSTWKGKSTQSTEGKTS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — NMNAT3

Entrez GeneID	349565
GeneBank Accession#	NM_178177.2
Protein Accession#	NP_835471.1
Gene Name	NMNAT3
Gene Alias	PNAT-3, PNAT3
Gene Description	nicotinamide nucleotide adenylyltransferase 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 adenylyltransferase 3

Pathway

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