

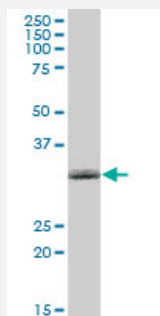
MaxPab®

NMNAT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00064802-B01P

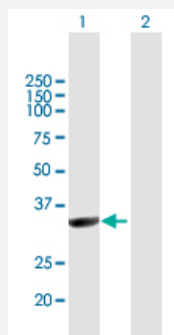
Size 50 ug

Applications



Western Blot (Tissue lysate)

NMNAT1 MaxPab polyclonal antibody. Western Blot analysis of NMNAT1 expression in human placenta.

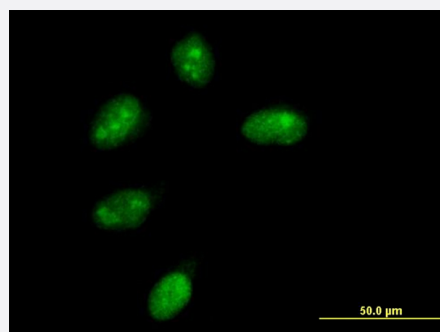


Western Blot (Transfected lysate)

Western Blot analysis of NMNAT1 expression in transfected 293T cell line ([H00064802-T01](#)) by NMNAT1 MaxPab polyclonal antibody.

Lane 1: NMNAT1 transfected lysate(30.69 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NMNAT1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NMNAT1 protein.

Immunogen	NMNAT1 (NP_073624.2, 1 a.a. ~ 279 a.a) full-length human protein.
Sequence	MENSEKTEVVLLACGSFNPTNMHLRLFELAKDYMNGTGRTYTVVKGIISPVGDAYKKKGLIPAYHRV IMAELATKNSKWVEVDTWESLQKEWKETLKVLRHHQEKLEASDCDHQQNSPTLERPGRKRKWT ETQDSSQKKSLEPKTKAVPKVKLLCGADLLESFAVPNLWKSEDTQIVANYGLICVTRAGNDAQK FIYESDVLWKHRSNIHVVNEWIANDISSTKIRRALRRGQSIRYLVPDLVQEYIEKHNLYSSESEDRNA GVILAPLQRNTAEAKT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
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.

Applications

- Western Blot (Tissue lysate)

NMNAT1 MaxPab polyclonal antibody. Western Blot analysis of NMNAT1 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of NMNAT1 expression in transfected 293T cell line ([H00064802-T01](#)) by NMNAT1 MaxPab polyclonal antibody.

Lane 1: NMNAT1 transfected lysate(30.69 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NMNAT1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — NMNAT1

Entrez GeneID

[64802](#)

GeneBank Accession#

[NM_022787.3](#)

Protein Accession#	NP_073624.2
Gene Name	NMNAT1
Gene Alias	NMNAT, PNAT-1, PNAT1
Gene Description	nicotinamide nucleotide adenylyltransferase 1
Omim ID	608700
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	NMN adenylyltransferase OTTHUMP00000001731 pyridine nucleotide adenylyltransferase 1

Pathway

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

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)