NADK Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NADK, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O81 (strain ED1a) NADK Polyclonal Antibody
Product Gene Name	anti-NADK antibody
Product Synonym Names	NADK Antibody; NAD kinase; EC 2.7.1.23; ATP-dependent NAD kinase; nadK ECED1_3053
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O81 (strain ED1a)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	32,581 Da
3D Structure	ModBase 3D Structure for B7MYQ3
Immunogen	Recombinant Escherichia coli O81 (strain ED1a) nadK protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NADK antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-NADK antibody	MBS7174089 is an antibody targeting NADK. Also known as Rabbit anti-Escherichia coli O81 (strain ED1a) NADK Polyclonal Antibody. Reactive in E Coli O81 (strain ED1a). Host: Rabbit.
Other Notes	Small volumes of anti-NADK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NADK. It may not necessarily be applicable to this product.

NCBI GI #	446981920
NCBI Accession #	WP_001059176.1
UniProt Primary Accession #	B7MYQ3
GenBank Nucleotide #	WP_001059176.1
NCBI Official Full Name	MULTISPECIES: NAD(+) kinase

UniProt Protein Name	NAD kinase
UniProt Synonym Protein Names	ATP-dependent NAD kinase
Protein Family	NAD kinase
UniProt Gene Name	nadK
UniProt Comments for NADK	Involved in the regulation of the intracellular balance of NAD and NADP, and is a key enzyme in the biosynthesis of NADP. Catalyzes specifically the phosphorylation on 2'-hydroxyl of the adenosine moiety of NAD to yield NADP.
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