

NAD Synthetase Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57343**Specification****NAD Synthetase Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6IA69
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NAD Synthetase
Epitope Specificity	231-330/706
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	In the C-terminal section; belongs to the NAD synthetase family. Contains 1 CN hydrolase domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

Nicotinamide adenine dinucleotide (NAD) is a coenzyme in metabolic redox reactions, a precursor for several cell signaling molecules, and a substrate for protein posttranslational modifications. NAD synthetase catalyzes the final step in the biosynthesis of NAD from nicotinic acid adenine dinucleotide (NaAD)

NAD Synthetase Polyclonal Antibody - Additional Information**Gene ID** 55191**Other Names**

Glutamine-dependent NAD(+) synthetase, 6.3.5.1, NAD(+) synthase [glutamine-hydrolyzing], NAD(+) synthetase, NADSYN1

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NAD Synthetase Polyclonal Antibody - Protein Information

Name NADSYN1

Function

Catalyzes the final step of the nicotinamide adenine dinucleotide (NAD) de novo synthesis pathway, the ATP-dependent amidation of deamido-NAD using L-glutamine as a nitrogen source.

NAD Synthetase Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NAD Synthetase Polyclonal Antibody - Images