

NADK2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13805c

Specification

NADK2 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	O4G0N4
Other Accession	O1HCL7 , O8C5H8 , NP_694558.1 , NP_001078880.1
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	122-150

NADK2 Antibody (Center) - Additional Information

Gene ID 133686

Other Names

NAD kinase 2, mitochondrial, Mitochondrial NAD kinase, NAD kinase domain-containing protein 1, mitochondrial, NADK2, C5orf33, MNADK, NADKD1

Target/Specificity

This NADK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-150 amino acids from the Central region of human NADK2.

Dilution

WB~~1:1000

IHC-P~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NADK2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NADK2 Antibody (Center) - Protein Information

Name NADK2

Synonyms C5orf33, MNADK, NADKD1

Function Mitochondrial NAD(+) kinase that phosphorylates NAD(+) to yield NADP(+). Can use both ATP or inorganic polyphosphate as the phosphoryl donor. Also has weak NADH kinase activity in vitro; however NADH kinase activity is much weaker than the NAD(+) kinase activity and may not be relevant in vivo.

Cellular Location
Mitochondrion.

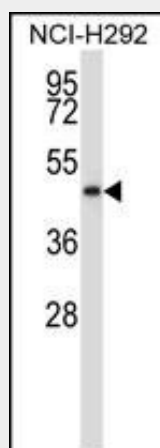
Tissue Location
Widely expressed..

NADK2 Antibody (Center) - Protocols

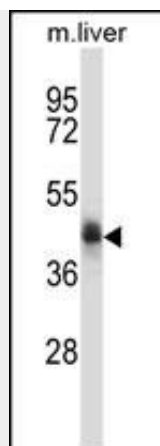
Provided below are standard protocols that you may find useful for product applications.

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

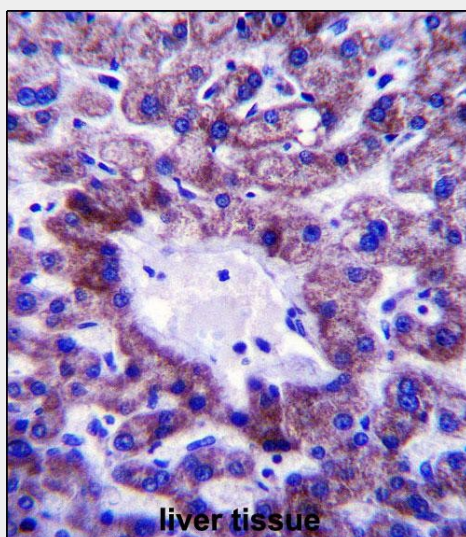
NADK2 Antibody (Center) - Images



NADK2 Antibody (Center) (Cat. #AP13805c) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the NADK2 antibody detected the NADK2 protein (arrow).



NADK2 Antibody (Center) (Cat. #AP13805c) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the NADK2 antibody detected the NADK2 protein (arrow).



NADK2 Antibody (Center) (Cat. #AP13805c) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NADK2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

NADK2 Antibody (Center) - Background

The specific function of C5ORF33 is not yet known. There are three named isoforms.

NADK2 Antibody (Center) - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Adams, M.D., et al. Nature 377 (6547 SUPPL), 3-174 (1995) :