

Rabbit C5orf33 Polyclonal Antibody | anti-NADK2 antibody

C5orf33 Antibody (Center)

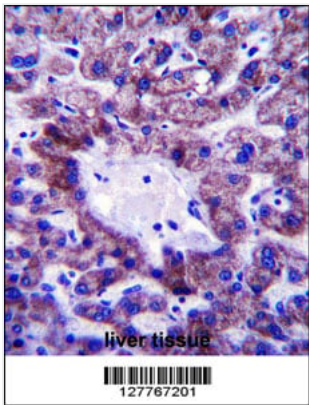
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283755	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

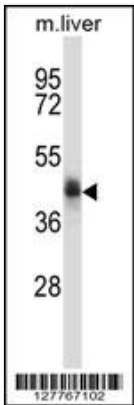
C5orf33; Polyclonal Antibody; C5orf33 Antibody (Center); NAD kinase 2; mitochondrial; Mitochondrial NAD kinase; NAD kinase domain-containing protein 1; NADK2; MNADK; NADKD1; anti-NADK2 antibody

PRODUCT SPECIFICATIONS

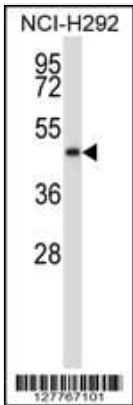
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This C5orf33 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-150 amino acids from the Central region of human C5orf33.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	122-150
Sequence Length	442
Applicable Applications for anti-NADK2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Clone Names	RB27767
Antigen Source	HUMAN
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.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
C5orf33 Antibody (Center) 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 C5orf33 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
C5orf33 Antibody (Center) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the C5orf33 antibody detected the C5orf33 protein (arrow).



WB (Western Blot)
C5orf33 Antibody (Center) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the C5orf33 antibody detected the C5orf33 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NADK2 antibody	The specific function of C5ORF33 is not yet known. There are three named isoforms.
Product Categories/Family for anti-NADK2 antibody	Cell Biology
References	Lamesch, P., et al. Genomics 89(3):307-315(2007) Adams, M.D., et al. Nature 377 (6547 SUPPL), 3-174 (1995) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	146134341
NCBI GeneID	133686
NCBI Accession #	NP_001078880.1; NP_694558.1
NCBI GenBank Nucleotide #	NM_001085411.2
UniProt Accession #	Q4G0N4; Q6UTX5; Q96NM0; B5MC93
Molecular Weight	49433

NCBI Official Full Name	NAD kinase 2, mitochondrial isoform 1
NCBI Official Synonym Full Names	NAD kinase 2, mitochondrial
NCBI Official Symbol	NADK2
NCBI Official Synonym Symbols	DECRD; MNADK; NADKD1; C5orf33
NCBI Protein Information	NAD kinase 2, mitochondrial
UniProt Protein Name	NAD kinase 2, mitochondrial
UniProt Gene Name	NADK2
UniProt Synonym Gene Names	C5orf33; MNADK; NADKD1
UniProt Entry Name	NAKD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/c5orf33-antibody-immunohistochemistry-western-blot-elisa/283755>