

NXN Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12483C**Specification**

NXN Antibody (Center) - Product Information

Application	IHC-P, WB,E
Primary Accession	O6DKJ4
Other Accession	O6GM16 , P97346 , NP_071908.2
Reactivity	Mouse
Predicted	Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48392
Antigen Region	221-249

NXN Antibody (Center) - Additional Information**Gene ID** 64359**Other Names**

Nucleoredoxin, NXN, NRX

Target/Specificity

This NXN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-249 amino acids from the Central region of human NXN.

Dilution

IHC-P~~1:10~50

WB~~1:1000

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

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

NXN Antibody (Center) - Protein Information**Name** NXN

Synonyms NRX

Function Functions as a redox-dependent negative regulator of the Wnt signaling pathway, possibly by preventing ubiquitination of DVL3 by the BCR(KLHL12) complex. May also function as a transcriptional regulator act as a regulator of protein phosphatase 2A (PP2A) (By similarity).

Cellular Location

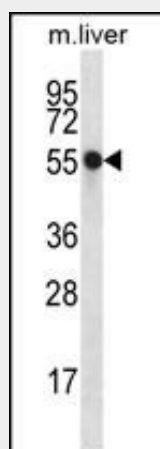
Cytoplasm, cytosol {ECO:0000250|UniProtKB:P97346}. Nucleus {ECO:0000250|UniProtKB:P97346}

NXN Antibody (Center) - Protocols

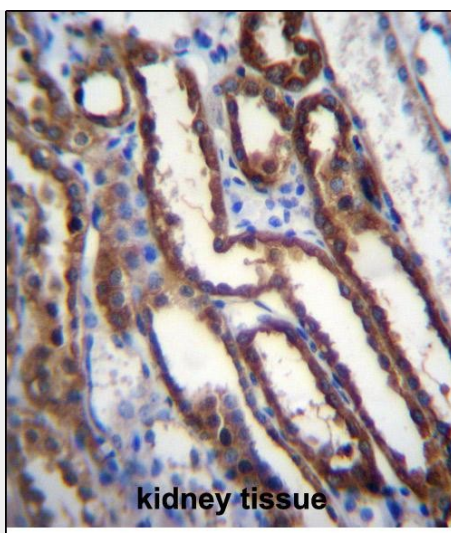
Provided below are standard protocols that you may find useful for product applications.

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

NXN Antibody (Center) - Images



NXN Antibody (Center) (Cat. #AP12483c) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the NXN antibody detected the NXN protein (arrow).



NXN Antibody (Center) (Cat. #AP12483c) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NXN Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

NXN Antibody (Center) - Background

NXN functions as a redox-dependent negative regulator of the Wnt signaling pathway. May function as a transcriptional regulator. May regulate phosphatase 2A (By similarity).

NXN Antibody (Center) - References

Ollila, H.M., et al. Mol. Psychiatry 14(4):351-353(2009)
Funato, Y., et al. Antioxid. Redox Signal. 9(8):1035-1057(2007)
Hirota, K., et al. Biochem. Biophys. Res. Commun. 274(1):177-182(2000)
Kurooka, H., et al. Genomics 39(3):331-339(1997)

NXN Antibody (Center) - Citations

- [Malignant transformation of human gastric epithelium cells via reactive oxygen species production and Wnt/ \$\beta\$ -catenin pathway activation following 40-week exposure to ochratoxin A.](#)