

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

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**NXN Antibody (Center) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">O6DKJ4</a>
Other Accession	<a href="#">O6GM16</a> , <a href="#">P97346</a> , <a href="#">NP_071908.2</a>
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**

WB~~1:1000

IHC-P~~1:10~50

**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

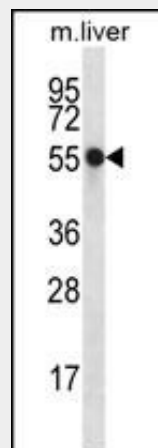
Cytoplasm, cytosol {ECO:0000250|UniProtKB:P97346}. Nucleus {ECO:0000250|UniProtKB:P97346}

## 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.](#)