

## Rabbit anti-Mouse, Rat Nucleoredoxin (NXN) Polyclonal Antibody | anti-NXN antibody

Polyclonal Antibody to Nucleoredoxin (NXN)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA135409 | Rabbit | Mouse, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

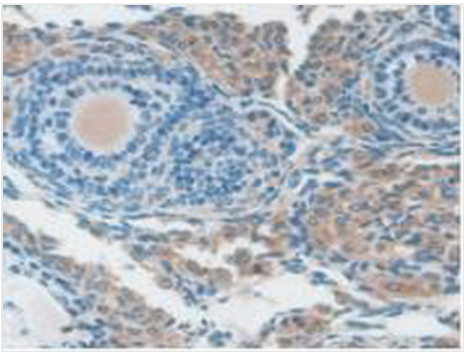
### PRODUCT SYNONYMS

Nucleoredoxin (NXN); Polyclonal Antibody; Polyclonal Antibody to Nucleoredoxin (NXN); anti-NXN antibody

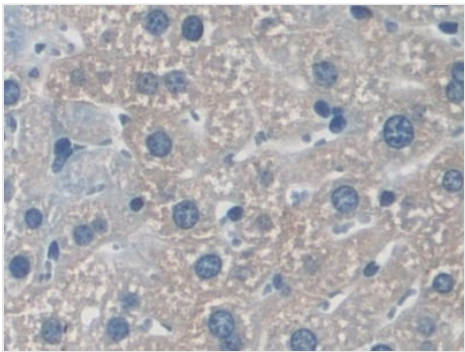
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity                                    | Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity                                   | The antibody is a rabbit polyclonal antibody raised against NXN. It has been selected for its ability to recognize NXN in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                         |
| Purity/Purification                           | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Form/Format                                   | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                                 | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence                                      | Antigen: The target protein is fused with a woN-terminal tag, His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-PKPFREVI AGPLLRNNGQ SLESSSLEGS<br>HVG VYFSAHW CPPCRSLTRV LVESYRKIKE AGQEFEIFV SADRSEESFK QYFSEMPWLA VPYTDEARRS<br>RLNRLYGIQG IPTLIVLDPQ GEVITRQGRV EVLNDEDCRE FPWHPKPVLE LSDSNAVQLN EGPCLVLFVD<br>SEDDGESEAA KQLIQPIAEK IIAKYKAKEE EAPLLFFVAG EDDMTDSLRLD YTNLPEAAPL LTILDMASARA<br>KYVMDVEEIT PAIVET |
| Sequence Length                               | 435                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applicable Applications for anti-NXN antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                     | Recombinant NXN (Pro167~Ile435) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Cross Reactivity                              | Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugated Antibody                           | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage                       | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                        |

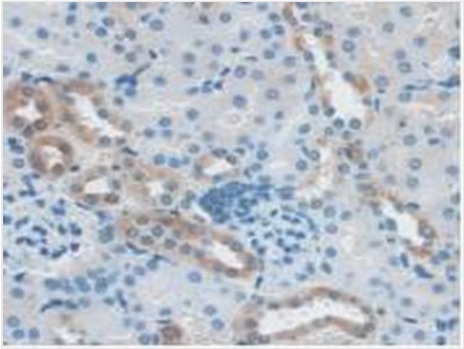
IMAGES



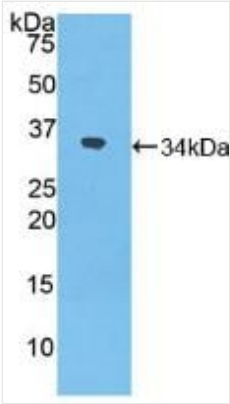
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Mouse Ovary Tissue



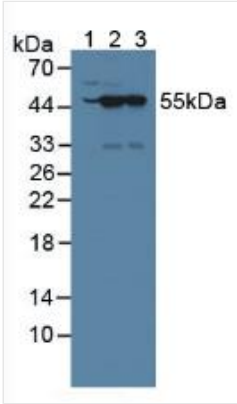
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Mouse Liver Tissue



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Mouse Kidney Tissue.



WB (Western Blot)  
Western Blot: Sample: Recombinant NXN, Mouse.



WB (Western Blot)  
Western Blot: Sample: Lane1: Mouse Brain Tissue; Lane2: Mouse Testis Tissue; Lane3: Rat Testis Tissue.

NCBI AND UNIPROT INFORMATION

|                           |                                |
|---------------------------|--------------------------------|
| NCBI GI #                 | 6679160                        |
| NCBI GeneID               | 18230                          |
| NCBI Accession #          | NP_032776.1                    |
| NCBI GenBank Nucleotide # | NM_008750.5                    |
| UniProt Accession #       | P97346; Q5H8T6; Q5H8U0; Q99KF3 |
| Molecular Weight          | 43,284 Da                      |

|                                  |               |
|----------------------------------|---------------|
| NCBI Official Full Name          | nucleoredoxin |
| NCBI Official Synonym Full Names | nucleoredoxin |
| NCBI Official Symbol             | Nxn           |
| NCBI Official Synonym Symbols    | I11Jus13      |
| NCBI Protein Information         | nucleoredoxin |
| UniProt Protein Name             | Nucleoredoxin |
| UniProt Gene Name                | <b>Nxn</b>    |
| UniProt Synonym Gene Names       | Gn25          |

**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://stage.aaabiotech.com/polyclonal/nucleoredoxin-nxn-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/135409>