

## Rabbit NRDC Polyclonal Antibody | anti-NRDC antibody

NRDC Antibody - middle region

|                               |                       |                                                                                            |                                     |
|-------------------------------|-----------------------|--------------------------------------------------------------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA200852</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Tested Reactivity: Human Predicted Reactivity: Cow, Horse, Human, Pig</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|--------------------------------------------------------------------------------------------|-------------------------------------|

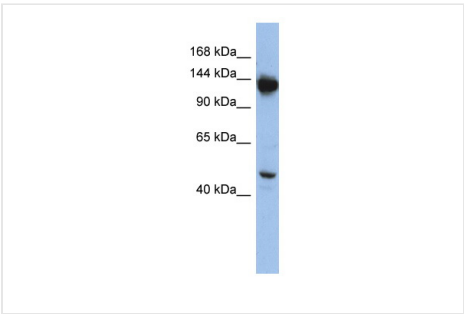
### PRODUCT SYNONYMS

NRDC; Polyclonal Antibody; NRDC Antibody - middle region; anti-NRDC antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                           |
| Reactivity                                     | Tested Reactivity: Human<br>Predicted Reactivity: Cow, Horse, Human, Pig                                                                                                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                       |
| Purity/Purification                            | Affinity Purified                                                                                                                                                                                                                                                |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                                                                                                |
| Concentration                                  | Batch dependent within range: 100ul at 0.5- 1mg/ml (varies by lot)                                                                                                                                                                                               |
| Sequence                                       | Synthetic peptide with the following region: GS KMLSVHVG Y GKYEEEDGT PSSEDSNSSC<br>EVMQLTYLPT SPLLADCI                                                                                                                                                           |
| Sequence Length                                | 1151                                                                                                                                                                                                                                                             |
| Applicable Applications for anti-NRDC antibody | WB (Western Blot)                                                                                                                                                                                                                                                |
| Homology                                       | Cow: 93%; Horse: 86%; Human: 100%; Pig: 93%                                                                                                                                                                                                                      |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human NRDC1                                                                                                                                                                           |
| Protein Size                                   | 1151 amino acids                                                                                                                                                                                                                                                 |
| Protein Interactions                           | FBXW11; UBC; rev; SETSIP; PUS1; P3H1; ELAC2; XPO5; NSUN2; PDIA6; YARS; DNAJC7; TSN; PPP3CA; PPP2R2A; PPP2CA; PFDN5; PFDN1; PPP1R12A; MSH2; PNKP; HSPB1; MOB2; MOB1A; STK3; NRDC1; HIST2H3C; UACA; COBLL1; NCOR2; NCOR1; HDAC3; IQGAP1; MAD1L1; TBL1X; UIMC1; BTR |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                                                                                            |

IMAGES



**WB (Western Blot)**  
WB Suggested Anti-NRD1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive  
Control: HepG2 cell lysate

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NRDC antibody | <p>This is a rabbit polyclonal antibody against NRD1. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: This gene encodes a zinc-dependent endopeptidase that cleaves peptide substrates at the N-terminus of arginine residues in dibasic moieties and is a member of the peptidase M16 family. This protein interacts with heparin-binding EGF-like growth factor and plays a role in cell migration and proliferation. Multiple transcript variants encoding different isoforms have been found for this gene.</p> |
| Product Categories/Family for anti-NRDC antibody   | Polyclonal; Neuroscience; Various                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                       |
|----------------------------------|-----------------------|
| NCBI GI #                        | 156071452             |
| NCBI GeneID                      | 4898                  |
| NCBI Accession #                 | NP_001095132          |
| NCBI GenBank Nucleotide #        | NM_001101662          |
| UniProt Accession #              | O43847                |
| Molecular Weight                 | 132kDa                |
| NCBI Official Full Name          | nardilysin isoform b  |
| NCBI Official Synonym Full Names | nardilysin convertase |
| NCBI Official Symbol             | NRDC                  |
| NCBI Official Synonym Symbols    | NRD1; hNRD1; hNRD2    |
| NCBI Protein Information         | nardilysin            |
| UniProt Protein Name             | Nardilysin            |
| UniProt Gene Name                | NRD1                  |
| UniProt Synonym Gene Names       | NRD convertase; NRD-C |
| UniProt Entry Name               | NRDC_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.