

## Rabbit TXNL2 Polyclonal Antibody | anti-GLRX3 antibody

TXNL2 Antibody (N-term)

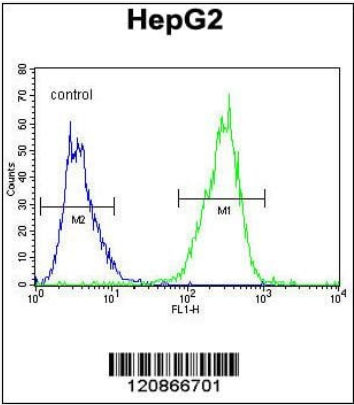
| CATALOG # | HOST   | REACTIVITY                                  | APPLICATIONS                                          |
|-----------|--------|---------------------------------------------|-------------------------------------------------------|
| AAA286120 | Rabbit | Human, mouse (Predicted Reactivity: Bovine) | Flow Cytometry, Functional Assay, ELISA, Western Blot |

### PRODUCT SYNONYMS

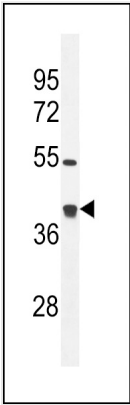
TXNL2; Polyclonal Antibody; TXNL2 Antibody (N-term); Glutaredoxin-3; PKC-interacting cousin of thioredoxin; PICOT; PKC-theta-interacting protein; PKCq-interacting protein; Thioredoxin-like protein 2; GLRX3; anti-GLRX3 antibody

### PRODUCT SPECIFICATIONS

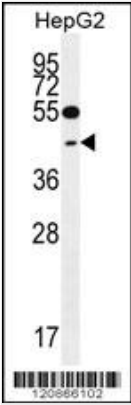
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human, mouse (Predicted Reactivity: Bovine)                                                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This TXNL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-110 amino acids from the N-terminal region of human TXNL2.        |
| 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: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 81-110                                                                                                                                                                       |
| Sequence Length                                 | 335                                                                                                                                                                          |
| Applicable Applications for anti-GLRX3 antibody | FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)                                                                                                                          |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**FCM/FACS (Flow Cytometry)**  
TXNL2 Antibody (N-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**WB (Western Blot)**  
TXNL2 Antibody (N-term) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the TXNL2 antibody detected the TXNL2 protein (arrow).



**WB (Western Blot)**  
TXNL2 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the TXNL2 antibody detected the TXNL2 protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GLRX3 antibody | GLRX3 is a critical negative regulator of cardiac hypertrophy and a positive inotropic regulator (By similarity). May play a role in regulating the function of the thioredoxin system. Does not posses any thyoredoxin activity since it lacks the conserved motif that is essential for catalytic activity.              |
| Product Categories/Family for anti-GLRX3 antibody   | Signal Transduction                                                                                                                                                                                                                                                                                                        |
| References                                          | Ohayon, A., et al. J. Histochem. Cytochem. 58(9):799-806(2010)<br>Haunhorst, P., et al. Biochem. Biophys. Res. Commun. 394(2):372-376(2010)<br>Ohayon, A., et al. J Immunotoxicol 7(1):8-14(2010)<br>Cha, M.K., et al. Cancer Epidemiol 33 (3-4), 281-287 (2009) :<br>Roeske, D., et al. Mol. Psychiatry (2009) In press : |

NCBI AND UNIPROT INFORMATION

|                           |                                                                |
|---------------------------|----------------------------------------------------------------|
| NCBI GI #                 | 315467838                                                      |
| NCBI GeneID               | 10539                                                          |
| NCBI Accession #          | NP_001186797.1; NP_006532.2                                    |
| NCBI GenBank Nucleotide # | NM_001199868.1                                                 |
| UniProt Accession #       | O76003; Q5JV01; Q96CE0; Q9P1B0; Q9P1B1; B3KMP7; B3KMQ5; D3DRG2 |

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| Molecular Weight                 | 37432                                         |
| NCBI Official Full Name          | glutaredoxin-3                                |
| NCBI Official Synonym Full Names | glutaredoxin 3                                |
| NCBI Official Symbol             | GLRX3                                         |
| NCBI Official Synonym Symbols    | GRX3; GRX4; GLRX4; PICOT; TXNL2; TXNL3        |
| NCBI Protein Information         | glutaredoxin-3                                |
| UniProt Protein Name             | Glutaredoxin-3                                |
| UniProt Gene Name                | <b>GLRX3</b>                                  |
| UniProt Synonym Gene Names       | PICOT; TXNL2; PICOT; PKCq-interacting protein |
| UniProt Entry Name               | GLRX3_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://stage.aaabiotech.com/polyclonal/txnl2-antibody-flow-cytometry-western-blot-elisa/286120>