antibodies - online.com







anti-TXNRD3 antibody (N-Term)



Image



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|--------|-------|
| ()\/\ | rview |
| \cup | |

| Quantity: | 100 μL |
|--|--|
| Target: | TXNRD3 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rabbit |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TXNRD3 antibody is un-conjugated |
| Application: | Western Blotting (WB) |
| Product Details | |
| Immunogen: | The immunogen is a synthetic peptide directed towards the N-terminal region of Human |
| | TXNRD3 |
| Sequence: | LSPPGRRARL SSPGPSRSSE AREELRRHLV GLIERSRVVI FSKSYCPHST |
| Sequence: Predicted Reactivity: | |
| | LSPPGRRARL SSPGPSRSSE AREELRRHLV GLIERSRVVI FSKSYCPHST |
| Predicted Reactivity: | LSPPGRRARL SSPGPSRSSE AREELRRHLV GLIERSRVVI FSKSYCPHST Human: 100%, Mouse: 86%, Rabbit: 86% |
| Predicted Reactivity: Characteristics: | LSPPGRRARL SSPGPSRSSE AREELRRHLV GLIERSRVVI FSKSYCPHST Human: 100%, Mouse: 86%, Rabbit: 86% This is a rabbit polyclonal antibody against TXNRD3. It was validated on Western Blot. |
| Predicted Reactivity: Characteristics: Purification: | LSPPGRRARL SSPGPSRSSE AREELRRHLV GLIERSRVVI FSKSYCPHST Human: 100%, Mouse: 86%, Rabbit: 86% This is a rabbit polyclonal antibody against TXNRD3. It was validated on Western Blot. |

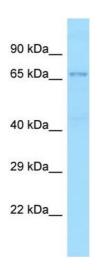
Target Details

| Background: | This gene encodes a member of the family of pyridine nucleotide oxidoreductases. This protein catalyzes the reduction of thioredoxin, and is implicated in the defense against oxidative stress. It contains a selenocysteine (Sec) residue (which is essential for catalytic activity), encoded by a UGA codon, at the penultimate C-terminal position. The 3' UTR of Sec-containing genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
|---------------------|--|
| | Alias Symbols: TGR, TR2, TRXR3 |
| | Protein Interaction Partner: UBC, |
| | Protein Size: 643 |
| Molecular Weight: | 70 kDa |
| Gene ID: | 114112 |
| NCBI Accession: | NM_052883, NP_443115 |
| UniProt: | Q86VQ6 |
| Pathways: | Cell RedoxHomeostasis |
| Application Details | |
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 643 AA |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % |
| | sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |
| | should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| | |

Handling

| Storage: | -20 °C |
|------------------|---|
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
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Images



Western Blotting

Image 1. WB Suggested Anti-TXNRD3 Antibody Titration:1.0 ug/ml Positive Control: OVCAR-3 Whole Cell