

TXNRD3 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15151

Product Information

Application	WB
Primary Accession	Q86VQ6
Other Accession	NM_052883 , NP_443115
Reactivity	Human, Mouse, Rabbit
Predicted	Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70683

Additional Information

Gene ID	114112
Alias Symbol	TGR, TR2, TRXR3
Other Names	Thioredoxin reductase 3, 1.8.1.9, Thioredoxin and glutathione reductase, Thioredoxin reductase TR2, TXNRD3 {ECO:0000312 EMBL:AAH50032.1}
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TXNRD3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TXNRD3 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

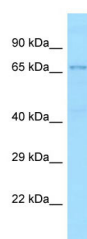
Protein Information

Name	TXNRD3 {ECO:0000312 EMBL:AAH50032.1, ECO:0000312 HGNC:HGNC:20667}
Function	Displays thioredoxin reductase, glutaredoxin and glutathione reductase activities. Catalyzes disulfide bond isomerization. Promotes disulfide bond formation between GPX4 and various sperm proteins and may play a role in sperm maturation by promoting formation of sperm structural components (By similarity).
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:Q99MD6}. Nucleus {ECO:0000250 UniProtKB:Q99MD6}. Microsome {ECO:0000250 UniProtKB:Q99MD6}. Endoplasmic reticulum Note=Detected in

References

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Sun Q.-A.,et al.J. Biol. Chem. 274:24522-24530(1999).
Miranda-Vizuite A.,et al.Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases.
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Gerashchenko M.V.,et al.J. Biol. Chem. 285:4595-4602(2010).

Images



WB Suggested Anti-TXNRD3 Antibody Titration: 1.0 µg/ml
Positive Control: OVCAR-3 Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.