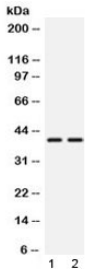
TXNL2 Antibody / GLRX3 (R32534)

Catalog No.	Formulation	Size
R32534	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	O76003
Applications	Western Blot : 0.5-1ug/ml
Limitations	This TXNL2 antibody is available for research use only.



Western blot testing of 1) rat testis and 2) mouse testis lysate with TXNL2 antibody at 0.5ug/ml. Expected molecular weight: ~40 kDa.

Description

Glutaredoxin-3, also called Thioredoxin-like protein 2 or TXNL2, is a protein that in humans is encoded by the GLRX3 gene. This gene encodes a member of the glutaredoxin family. Glutaredoxins are oxidoreductase enzymes that reduce a variety of substrates using glutathione as a cofactor. The encoded protein binds to and modulates the function of protein kinase C theta. The encoded protein may also inhibit apoptosis and play a role in cellular growth, and the expression of this gene may be a marker for cancer. Pseudogenes of this gene are located on the short arm of chromosomes 6 and 9. Alternatively spliced transcript variants have been observed for this gene.

Application Notes

Differences in protocols and secondary/substrate sensitivity may require the TXNL2 antibody to be titrated for optimal performance.

Immunogen

Amino acids L89-S177 from the human protein were used as the immunogen for the TXNL2 antibody.

Storage

After reconstitution, the TXNL2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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