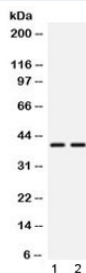


TXNL2 Antibody / GLRX3 (R32534)

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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.