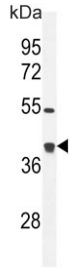
Glutaredoxin 3 Antibody / GLRX3 / TXNL2 (F54635)

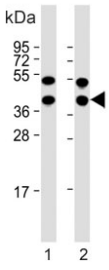
Catalog No.	Formulation	Size
F54635-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54635-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

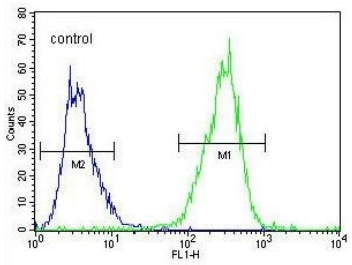
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O76003
Localization	Cytoplasmic
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Western Blot : 1:500-1:2000
Limitations	This Glutaredoxin 3 antibody is available for research use only.



Western blot testing of mouse bladder tissue lysate with Glutaredoxin 3 antibody. Predicted molecular weight ~37 kDa.



Western blot testing of human 1) HepG2 and 2) Raji cell lysate with Glutaredoxin 3 antibody. Predicted molecular weight ~37 kDa.



Flow cytometry testing of human HepG2 cells with Glutaredoxin 3 antibody; Blue=isotype control, Green= Glutaredoxin 3 antibody.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Glutaredoxin 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 81-110 from the human protein was used as the immunogen for the Glutaredoxin 3 antibody.

Storage

Aliquot the Glutaredoxin 3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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