

Datasheet for ABIN952537

anti-GLRX3 antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	GLRX3
Binding Specificity:	AA 88-118, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLRX3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 88-118 amino acids from the N-terminal region of human TXNL2
Isotype:	Ig Fraction
Specificity:	This antibody detects Glutaredoxin-3 / GLRX3 (N-term).
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	GLRX3
Alternative Name:	Glutaredoxin-3 / GLRX3 (GLRX3 Products)

Target Details

Background: 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.Synonyms: GRX3, HUSSY-22, PICOT, PKC-interacting cousin of thioredoxin, PKC-theta-interacting protein, TXNL2, Thioredoxin-like protein 2

Gene ID: 10539

NCBI Accession: [NP_001186797](#)

Pathways: [Cell RedoxHomeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

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 freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. TXNL2 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the TXNL2 antibody detected the TXNL2 protein (arrow).

Western Blotting

Image 2. TXNL2 Antibody (N-term) western blot analysis in mouse bladder tissue lysates (35 µg/lane). This demonstrates the TXNL2 antibody detected the TXNL2 protein (arrow).