



GLRX3 Mouse mAb

Catalog No	YP-mAb-18745
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GLRX3 PICOT TXNL2 HUSSY-22
Immunogen	Synthesized peptide derived from human GLRX3
Specificity	This antibody detects endogenous levels of GLRX3 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GRX3;GRX4;GLRX4;PICOT;TXNL2;TXNL3;GLRX3;GLRX3 PICOT TXNL2 HUSSY-22;Glutaredoxin-3 (PKC-interacting cousin of thioredoxin) (PICOT) (PKC-theta-interacting protein) (PKCq-interacting protein) (Thioredoxin-like protein 2)
Observed Band	37kDa
Calculated Molecular Weight	37kDa
Cell Pathway	Cytoplasm, cytosol . Cytoplasm, cell cortex . Cytoplasm, myofibril, sarcomere, Z line . Under the plasma membrane (By similarity). After PMA stimulation, GLRX3 and PRKCQ/PKC-theta translocate to a more extended submembrane area (By similarity). In the Z line, found associated with CSRP3 (By similarity). .
Tissue Specificity	Expressed in heart, spleen, testis and, to a lower extent, in thymus and peripheral blood leukocytes. Weakly expressed in lung, placenta, colon and small intestine.
Function	Together with BOLA2, acts as a cytosolic iron-sulfur (Fe-S) cluster assembly factor that facilitates [2Fe-2S] cluster insertion into a subset of cytosolic proteins . Acts as a critical negative regulator of cardiac hypertrophy and a positive inotropic regulator (By similarity). Required for hemoglobin maturation . Does not possess any thioredoxin activity since it lacks the conserved motif that is



essential for catalytic activity.

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images