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QSOX1 (M1) Antibody, Rabbit Polyclonal

Cat#: R3239-1

Quantity: 100 ul

Predicted | Observed M.W.: 83, 67 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: O00391

Background:

Sulfhydryl oxidase 1 (QSOX1) catalyzes the oxidation of sulfhydryl groups in peptide and protein thiols to disulfides with the reduction of oxygen to hydrogen peroxide. QSOX1 may contribute to disulfide bond formation in a variety of secreted proteins. In fibroblasts, it may have tumor-suppressing capabilities being involved in growth regulation. Two isoforms of QSOX1 have been identified: the 83 kD isoform (QSOX-L) is a single-pass membrane protein located at Golgi apparatus membrane; and the 67 kD isoform (QSOX-S) is a secreted protein.

Other Names:

Sulfhydryl oxidase 1, hQSOX, Quiescin Q6, QSCN6, UNQ2520/PRO6013

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing middle region of human QSOX1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

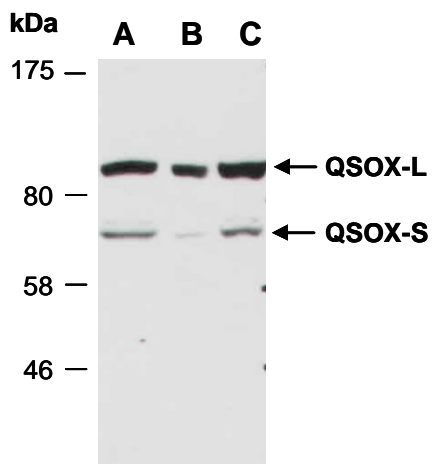


Fig 1. Western blot of total cell extracts from A) mouse thymus, B) human HeLa, C) human Jurkat; using anti-QSOX1 (M1) (R3239-1) at RT for 2 h.