

Product Name: KD-Validated QSOX1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb01903

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 82.6kDa

Antigen Information

Gene Name	QSOX1 QSOX1; Quiescin Sulfhydryl Oxidase 1; QSCN6; Quiescin Q6 Sulfhydryl Oxidase 1; Sulfhydryl
Alternative Names	Oxidase 1; Thiol Oxidase 1; Quiescin Q6; EC 1.8.3.2; Testis Tissue Sperm-Binding Protein Li 62n; HQSOX; Q6
Gene ID	5768.0
SwissProt ID	O00391
Immunogen	A synthesized peptide derived from human QSOX1

Background

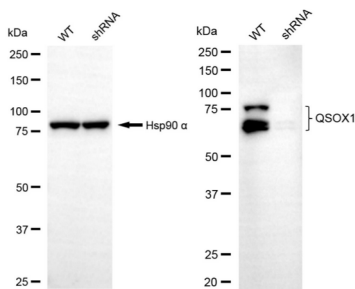
This gene encodes a protein that contains domains of thioredoxin and ERV1, members of two long-standing gene families. The gene expression is induced as fibroblasts begin to exit the proliferative cycle and enter quiescence, suggesting that this gene

plays an important role in growth regulation. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

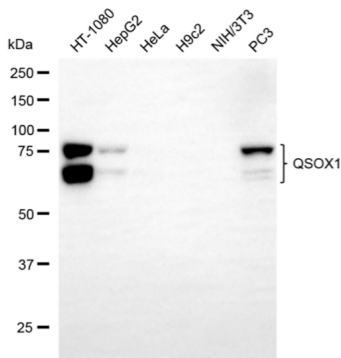
Research Area

Cell Biology

Image Data



Western blotting analysis using QSOX1 antibody (KVA01903). QSOX1 expression in wild-type (WT) and QSOX1 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with QSOX1 antibody (KVA01903, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using QSOX1 antibody (KVA01903). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with QSOX1 antibody (KVA01903, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.