

# QSOX1 Rabbit mAb

Catalog # AP76680

## Product Information

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Application	WB, IP
Primary Accession	<a href="#">O00391</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	82578

## Additional Information

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Gene ID	5768
Other Names	QSOX1
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid

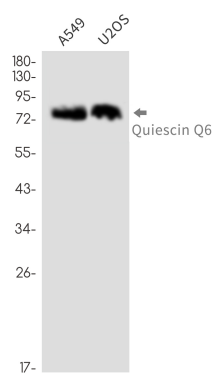
## Protein Information

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Name	QSOX1
Synonyms	QSCN6 {ECO:0000303   PubMed:9878249}
Function	Catalyzes the oxidation of sulfhydryl groups in peptide and protein thiols to disulfides with the reduction of oxygen to hydrogen peroxide (PubMed: <a href="#">17331072</a> , PubMed: <a href="#">18393449</a> , PubMed: <a href="#">23704371</a> , PubMed: <a href="#">23867277</a> , PubMed: <a href="#">30367560</a> ). Plays a role in disulfide bond formation in a variety of extracellular proteins (PubMed: <a href="#">17331072</a> , PubMed: <a href="#">22801504</a> , PubMed: <a href="#">23867277</a> , PubMed: <a href="#">30367560</a> ). In fibroblasts, required for normal incorporation of laminin into the extracellular matrix, and thereby for normal cell-cell adhesion and cell migration (PubMed: <a href="#">23704371</a> , PubMed: <a href="#">23867277</a> , PubMed: <a href="#">30367560</a> ).
Cellular Location	[Isoform 1]: Golgi apparatus membrane; Single-pass membrane protein. Secreted. Note=A small proportion is secreted, probably via a proteolytic cleavage that removes the membrane anchor
Tissue Location	Expressed in heart, placenta, lung, liver, skeletal muscle, pancreas and very weakly in brain and kidney {ECO:0000269   PubMed:10708601, ECO:0000269   Ref.8}

## Images

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