

Rabbit anti-Human, Mouse QSOX1 Polyclonal Antibody | anti-QSOX1 antibody

QSOX1 Antibody

CATALOG # AAA40774	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, ELISA
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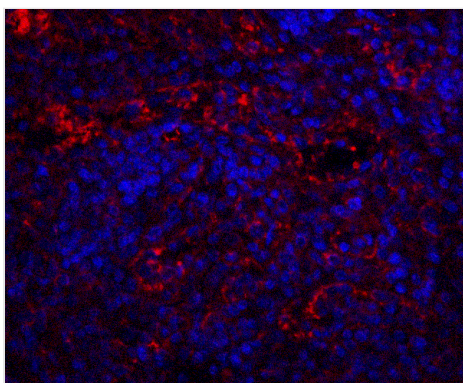
PRODUCT SYNONYMS

QSOX1; Polyclonal Antibody; QSOX1 Antibody; Quiescin Q6 sulfhydryl oxidase 1; Sulfhydryl oxidase 1; Q6; QSCN6; quiescin Q6 sulfhydryl oxidase 1; anti-QSOX1 antibody

PRODUCT SPECIFICATIONS

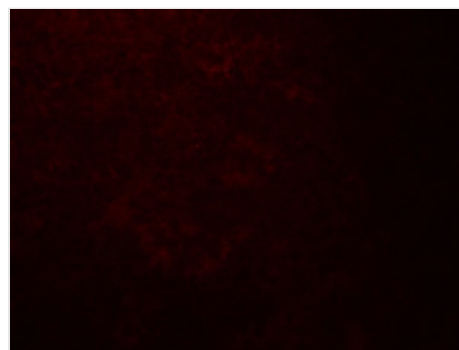
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	QSOX1 antibody is human and mouse reactive. QSOX1 antibody is predicted to not cross-react with QSOX2.
Purity/Purification	QSOX1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	747
Applicable Applications for anti-QSOX1 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	QSOX1 antibody was raised against a 17 amino acid peptide near the center of human QSOX1.
Buffer	QSOX1 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	QSOX1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



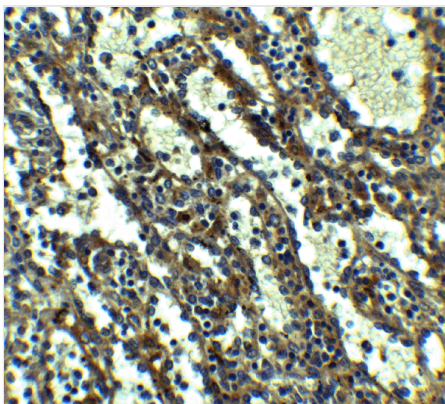
IF (Immunofluorescence)

Immunofluorescence of QSOX1 in human spleen tissue with QSOX1 antibody at 20 µg/ml.



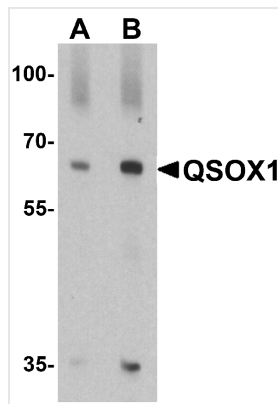
IF (Immunofluorescence)

Immunofluorescence of QSOX1 in human spleen tissue with QSOX1 antibody at 20 µg/ml.



IHC (Immunohistochemistry)

Immunohistochemistry of QSOX1 in human spleen tissue with QSOX1 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of QSOX1 in EL4 cell lysate with QSOX1 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-QSOX1 antibody

The QSOX1 gene, also known as Quiescin Q6, is a fusion of two ancient genes: thioredoxin and ERV1. Its 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 (1). The QSOX1 protein oxidizes sulfhydryl groups to form disulfide bonds in proteins. QSOX1 expression is induced by hypoxia (2) and appears to protect cells against oxidative stress-induced apoptosis (3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	13325075
NCBI GeneID	5768
NCBI Accession #	NP_002817
NCBI GenBank Nucleotide #	NM_002826.4
UniProt Accession #	O00391; Q59G29; Q5T2X0; Q8TDL6; Q8WVP4
Molecular Weight	Predicted: 65; 82 kDa Observed: 66 kDa
NCBI Official Full Name	sulfhydryl oxidase 1 isoform a
NCBI Official Synonym Full Names	quiescin Q6 sulfhydryl oxidase 1
NCBI Official Symbol	QSOX1
NCBI Official Synonym Symbols	Q6; QSCN6
NCBI Protein Information	sulfhydryl oxidase 1; hQSOX
UniProt Protein Name	Sulfhydryl oxidase 1
UniProt Gene Name	QSOX1
UniProt Synonym Gene Names	QSCN6; hQSOX
UniProt Entry Name	QSOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.