

Product datasheet for **TA349169**

Quiescin Q6 (QSOX1) Rabbit Polyclonal Antibody

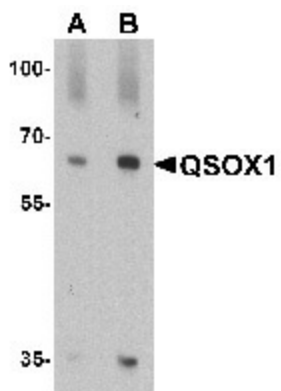
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	QSOX1 antibody was raised against a 17 amino acid peptide near the center of human QSOX1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	QSOX1 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 65, 82 kDa; Observed: 66 kDa
Gene Name:	quiescin sulfhydryl oxidase 1
Database Link:	NP_002817 Entrez Gene 5768 Human O00391
Background:	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).
Synonyms:	CFC3; MAPKK1; MEK1; MKK1; PRKMK1



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Product images:



Western blot analysis of QSOX1 in EL4 cell lysate with QSOX1 antibody at (A) 1 and (B) 2 $\mu\text{g}/\text{mL}$.