

For Research Use Only

QSOX1/Quiescin Q6 Recombinant antibody

Catalog Number: 83952-3-RR



Basic Information

Catalog Number: 83952-3-RR	GenBank Accession Number: BC017692	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5768	CloneNo.: 240946B11
Source: Rabbit	UNIPROT ID: O00391	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: quiescin Q6 sulfhydryl oxidase 1	
Immunogen Catalog Number: AG3396	Calculated MW: 747 aa, 83 kDa	
	Observed MW: 66-83kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HT-1080 cells, SW 1990 cells
Species Specificity: human	

Background Information

QSOX1(Sulfhydryl oxidase 1) catalyzes the oxidation of sulfhydryl groups in peptide and protein thiols to disulfides with the reduction of oxygen to hydrogen peroxide. It has two isoforms with the molecular weight of 67 kDa and 83 kDa, respectively. It is detected a band of 95 kDa in HT1080 cell lines (PMID:17331072). Isoform 1 is expressed on golgi apparatus membrane and isoform 2 is secreted (PMID:10708601). The isoform1(QSOX1a) is the full length of QSOX1, approximately 78 kDa; and the isoform2(QSOX1b) is the splicing form, approximately 62kDa (PMID:14633699; 2496424). QSOX1 is highly expressed in tumor cell lines but is not expressed in adjacent normal cells (PMID:21989104).

Storage

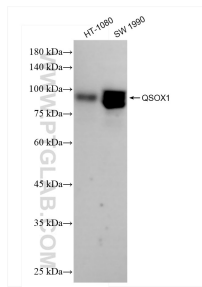
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83952-3-RR (QSOX1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.