

For Research Use Only

QSOX1/Quiescin Q6 Recombinant antibody, PBS Only

Catalog Number: 83952-3-PBS



Basic Information

Catalog Number: 83952-3-PBS	GenBank Accession Number: BC017692	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5768	CloneNo.: 240946B11
Source: Rabbit	UNIPROT ID: O00391	
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

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 kD; and the isoform2(QSOX1b) is the splicing form, approximately 62kD (PMID:14633699; 2496424). QSOX1 is highly expressed in tumor cell lines but is not expressed in adjacent normal cells (PMID:21989104).

Storage

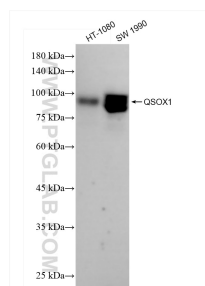
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
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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. This data was developed using the same antibody clone with 83952-3-PBS in a different storage buffer formulation.