

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-QSOX1



Numéro de catalogue: 12713-1-AP

Phare

14 Publications

## Informations de base

Numéro de catalogue:  
12713-1-AP

Taille:  
150ul, Concentration: 400 µg/ml by  
Nanodrop;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG3396

Numéro d'acquisition GenBank:  
BC017692

Identification du gène (NCBI):  
5768

Nom complet:  
quiescin Q6 sulfhydryl oxidase 1

MW calculé  
747 aa, 83 kDa

MW observés:  
66-83kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:500-1:2000  
IP 0.5-4.0 ug for IP and 1:200-1:1000  
for WB  
IHC 1:50-1:500  
IF 1:50-1:500

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Demandes citées:  
IF, IHC, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, rat, Hamster

Contrôles positifs:

WB : cellules SW-1990, tissu cardiaque de rat, tissu  
cardiaque de souris, tissu placentaire humain

IP : cellules SW-1990,

IHC : tissu de cancer du foie humain,

IF : tissu de côlon de souris,

**Remarque-IHC: il est suggéré de démasquer  
l'antigène avec un tampon de TE buffer pH  
9.0; (\*) À défaut, le démasquage de  
l'antigène peut être effectué avec un  
tampon citrate pH 6.0.**

## Informations générales

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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jin A Baek	29804717	Pathol Res Pract	IHC
Jialei Sun	33770521	Redox Biol	IHC
Jacqueline V Brady	30053712	Transl Oncol	WB

## Stockage

Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

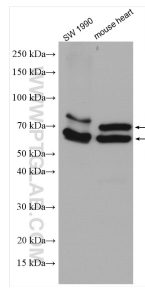
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

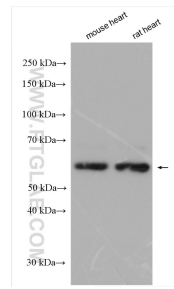
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

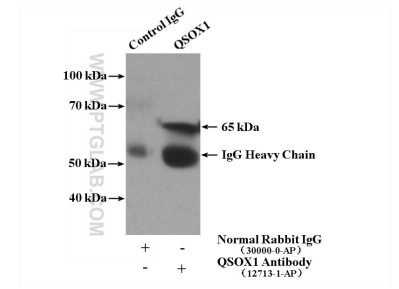
## Données de validation sélectionnées



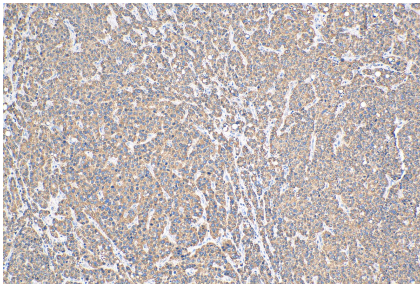
Various lysates were subjected to SDS PAGE followed by western blot with 12713-1-AP (QSOX1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



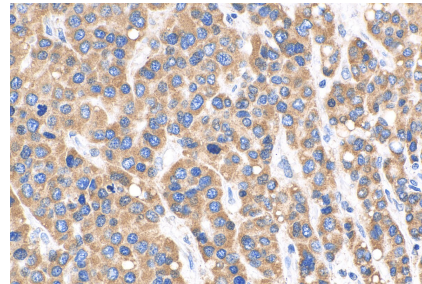
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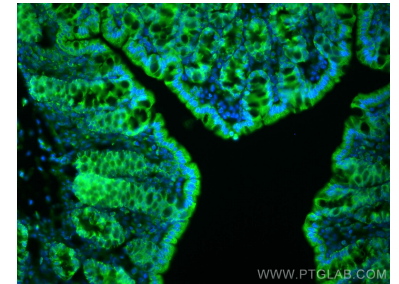
IP Result of anti-QSOX1 (IP:12713-1-AP, 4ug; Detection:12713-1-AP 1:300) with SW 1990 cells lysate 2400ug.



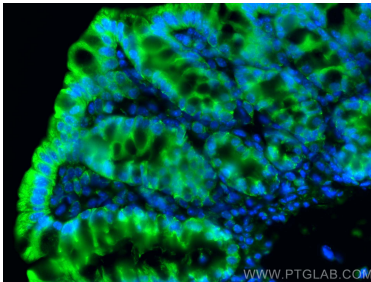
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12713-1-AP (QSOX1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12713-1-AP (QSOX1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse colon tissue using QSOX1 antibody (12713-1-AP) at dilution of 1:200 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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