

Nur für Forschungszwecke

QSOX1 Polyklonaler Antikörper

Katalog-Nr.:12713-1-AP

Vorgestelltes Produkt

14 Publikationen



Allgemeine Informationen

Katalog-Nr.:
12713-1-AP

Größe:
150ul, Konzentration: 400 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG3396

GenBank-Zugangsnummer:
BC017692

GeneID (NCBI):
5768

Vollständiger Name:
quiescin Q6 sulfhydryl oxidase 1

Berechnete Masse:
747 aa, 83 kDa

Beobachtete Masse:
66-83kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Hamster, Human, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : SW 1990-Zellen, humanes Plazenta-Gewebe, Mausherzgewebe, Rattenherzgewebe

IP : SW 1990-Zellen,

IHC : humanes Leberkarzinomgewebe,

IF : Maus-Kolongewebe,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

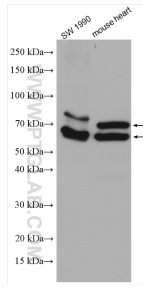
For technical support and original validation data for this product please contact:

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

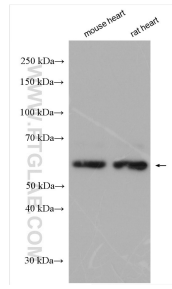
E: proteintech@ptglab.com
W: ptglab.com

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

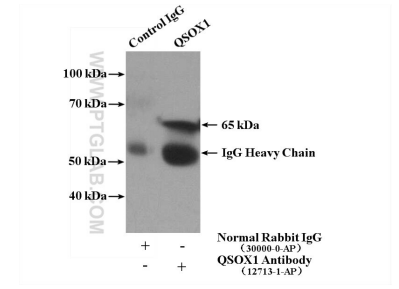
Ausgewählte Validierungsdaten



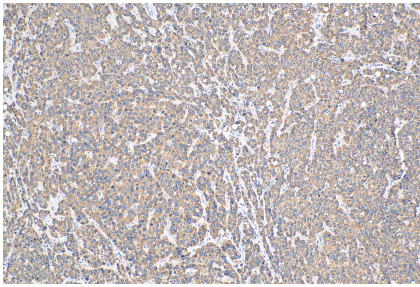
Various lysates were subjected to SDS PAGE followed by western blot with 12713-1-AP (QSOX1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



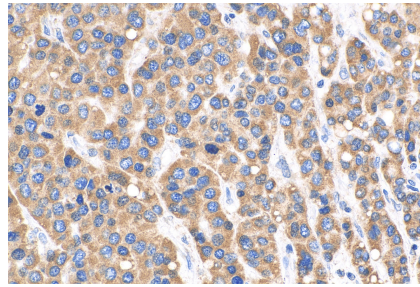
Various lysates were subjected to SDS PAGE followed by western blot with 12713-1-AP (QSOX1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



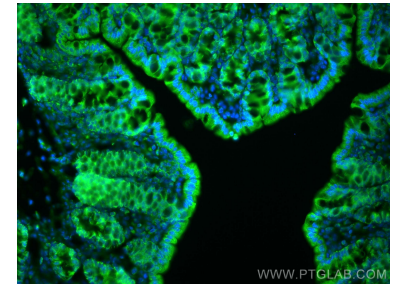
IP Result of anti-QSOX1 (IP:12713-1-AP, 4ug; Detection:12713-1-AP 1:300) with SW 1990 cells lysate 2400ug.



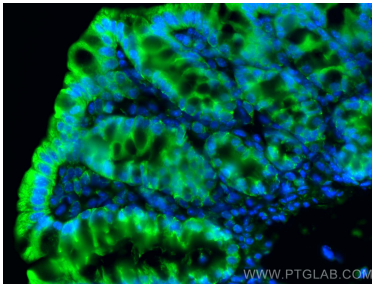
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12713-1-AP (QSOX1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).