Nur für Forschungszwecke

OXSR1 Polyklonaler Antikörper

Katalog-Nr.:15611-1-AP Vorgestelltes Produkt 1 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
15611-1-AP

Größe:
150ul , Konzentration: 600 μg/ml von Nanodrop und 333 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG8002

GenBank-Zugangsnummer:
BC008726

GeneID (NCBI):
9943

Vollständiger Name:
oxidative-stress responsive 1

Berechneté Masse:
58 kDa

Beobachteté Masse:
58 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:50-1:500
IF 1:10-1:100

Anwendungen

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

In Publikationen genannte Anwendungen:
IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human

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

Positivkontrollen:

WB : HEK-293-Zellen, HeLa-Zellen, humanes Hodengewebe, humanes Lebergewebe, Jurkat-Zellen, U-251-Zellen

IP : HeLa-Zellen, HEK-293-Zellen

IHC : humanes Prostatakarzinomgewebe,

IF : MCF-7-Zellen,

Hintergrundinformationen

Oxidative-stress responsive 1(OXSR1) is also named as KIAA1101, OSR1 and belongs to the STE Ser/Thr protein kinase family. It contains an N-terminal Ste20-like ser/thr kinase domain and 2 C-terminal regions, which has a putative caspase-3 cleavage site at the end. OXSR1's interaction with WNK1 is required for NKCC function, and it modulates the G protein sensitivity of PAK by phosphorylation of PAK1.Western blot analysis detected Oxsr1 at an apparent molecular mass of 58 kD in all mouse tissues examined except thymus. Cell fractionation and immunofluorescence analysis of HeLa cells showed that OXSR1 was distributed throughout the cell and OXSR1 could phosphorylate a test substrate and itself(PMID:14707132).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jianhui Chen	32842855	Bioengineered	IHC,WB

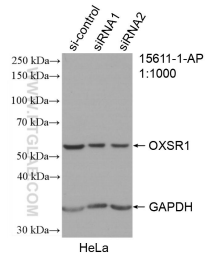
Lagerung

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

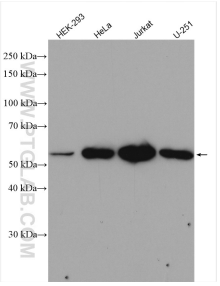
*** 20ul-Größen enthalten 0.1% BSA

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

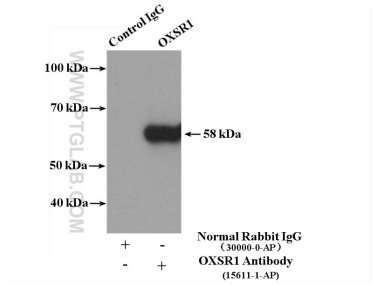
Ausgewählte Validierungsdaten



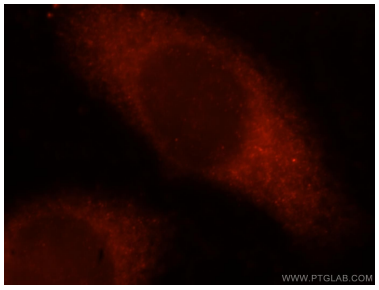
WB result of OXSR1 antibody (15611-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-OXSR1 transfected HeLa cells.



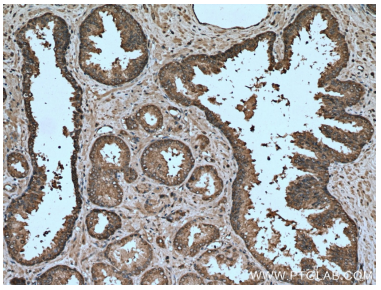
Various lysates were subjected to SDS PAGE followed by western blot with 15611-1-AP (OXSR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



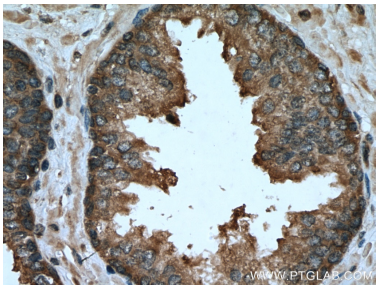
IP Result of anti-OXSR1 (IP:15611-1-AP, 4ug; Detection:15611-1-AP 1:500) with HeLa cells lysate 3200ug.



Immunofluorescent analysis of MCF-7 cells, using OXSR1 antibody 15611-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15611-1-AP (OXSR1 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 prostate cancer tissue slide using 15611-1-AP (OXSR1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).