À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-OXSR1

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:15611-1-AP Phare 1 Publications

Informations de base

Numéro de catalogue:
15611-1-AP

Taille:
150ul , Concentration: 600 μg/ml by Nanodrop and 333 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG8002

Numéro d'acquisition GenBank:
BC008726

Identification du gène (NCBI):
9943

Nom complet:
oxidative-stress responsive 1

MW calculé
58 kDa

MW observés:
58 kDa

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 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

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

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

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.

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules Jurkat, cellules U-251, tissu hépatique humain, tissu testiculaire humain

IP : cellules HeLa, cellules HEK-293

IHC : tissu de cancer de la prostate humain,

IF : cellules MCF-7,

Informations générales

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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Jianhui Chen	32842855	Bioengineered	IHC,WB

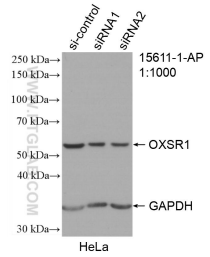
Stockage

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

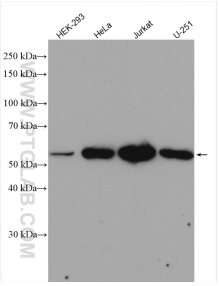
***** Les 20ul contiennent 0,1% de BSA.**

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

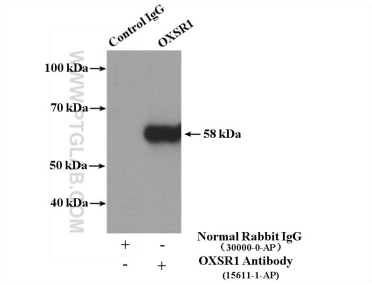
Données de validation sélectionnées



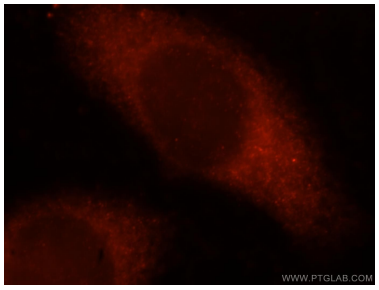
WB result of OXSR1 antibody (15611-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-OXSR1 transfected HeLa cells.



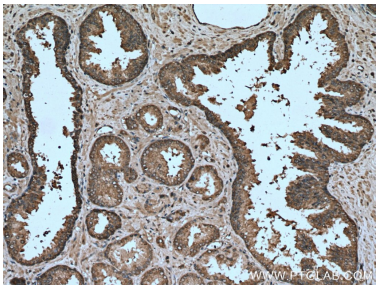
Various lysates were subjected to SDS PAGE followed by western blot with 15611-1-AP (OXSR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



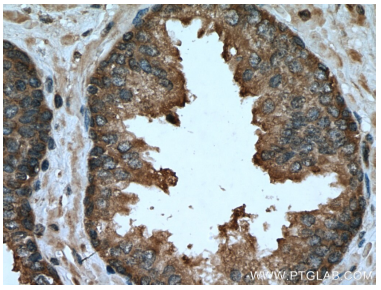
IP Result of anti-OXSR1 (IP:15611-1-AP, 4ug; Detection:15611-1-AP 1:500) with HeLa cells lysate 3200ug.



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).