

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-OXR1



Numéro de catalogue: 13514-1-AP

5 Publications

Informations de base

Numéro de catalogue:

13514-1-AP

Taille:

150ul , Concentration: 450 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4439

Numéro d'acquisition GenBank:

BC032710

Identification du gène (NCBI):

55074

Nom complet:

oxidation resistance 1

MW calculé

758 aa, 85 kDa

MW observés:

120-140 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IHC 1:50-1:500

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules K-562, cellules Neuro-2a

IHC : tissu de cancer du pancréas humain, tissu cérébral de souris

Informations générales

Oxidation resistance protein 1 (OXR1) belongs to the OXR1 family. The major function of OXR1 is to control the expression of genes that alleviate oxidative stress by increasing cellular resistance to reactive oxygen species (ROS) and the stress these molecules cause the cell. OXR1's ability to reduce oxidative stress and neurodegeneration in multiple diseases strongly suggests that it can be an effective therapeutic target (PMID: 33384581). Biochemical experiments show that OXR1 inhibits V1-ATPase and causes disassembly of the holoenzyme, suggesting that OXR1 plays a direct role in V-ATPase regulation (PMID: 34918374). OXR1 has 8 isoforms with the molecular mass of 25, 28, 34, 56, 94, 95 and 98 kDa. Sometimes higher molecular weight around 120-140 kDa can also be observed, which may be a modified variant of OXR1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Wen Ye	34040413	J Inflamm Res	WB
Pedro P M Scariot	34303768	Brain Res Bull	WB
Jing Liu	35174215	Front Mol Biosci	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.

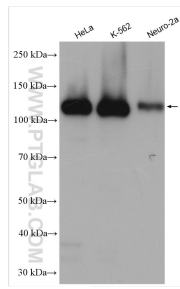
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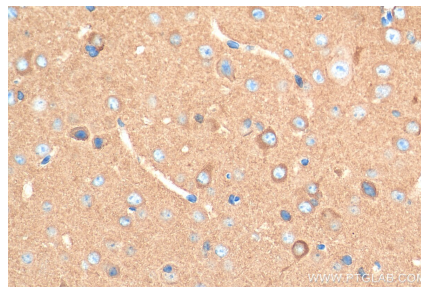
E: proteintech@ptglab.com
W: ptglab.com

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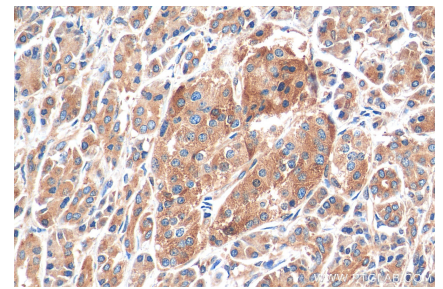
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 13514-1-AP (OXR1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13514-1-AP (OXR1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 13514-1-AP (OXR1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).