

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FDX1



Numéro de catalogue: 12592-1-AP

Phare

28 Publications

Informations de base

Numéro de catalogue: 12592-1-AP	Numéro d'acquisition GenBank: BC017063	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 2230	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:200-1:800
Hôte: Lapin	Nom complet: ferredoxin 1	
Isotype: IgG	MW calculé: 184 aa, 19 kDa	
Immunogen Catalog Number: AG3301	MW observés: 14 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules A549, cellules HEK-293, cellules HepG2, cellules PC-3, tissu testiculaire de souris

IHC : tissu rénal humain, tissu de tumeur ovarienne humaine, tissu hépatique humain

IF : cellules HepG2,

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

FDX1(Ferredoxin-1) is also named as ADX, FDX, YAH1, LOH11CR1D and belongs to the adrenodoxin/putidaredoxin family. It is a small iron-sulfur protein that transfers electrons from NADPH through ferredoxin reductase to a terminal cytochrome P450 and it can only reduce mitochondrial CYP enzymes that are essential in adrenal steroidogenesis, bile acid formation, and vitamin D synthesis. The full length has a transit peptide of 60 amino acids.

Publications notables

Autrice	Pubmed ID	Journal	Application
Longfei Yang	36210836	Front Pharmacol	WB
Xing Huang	36186457	Front Genet	IHC,WB
Wei-Tong Zhang	36105937	Biomed Res Int	WB,IHC

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.**

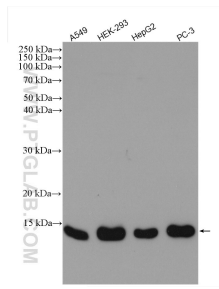
For technical support and original validation data for this product please contact:

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

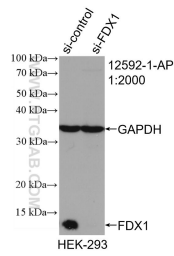
E: proteintech@ptglab.com
W: ptglab.com

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

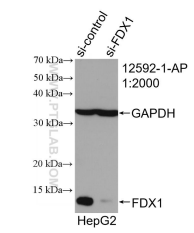
Données de validation sélectionnées



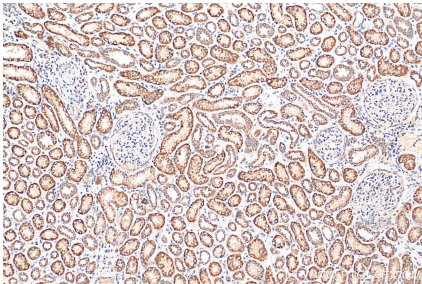
Various lysates were subjected to SDS PAGE followed by western blot with 12592-1-AP (FDX1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



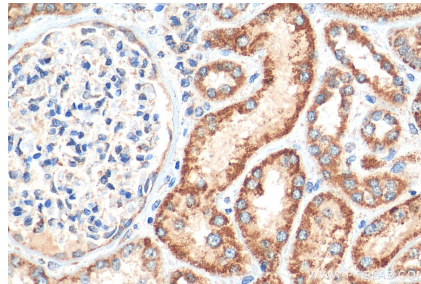
WB result of FDX1 antibody (12592-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FDX1 transfected HEK-293 cells.



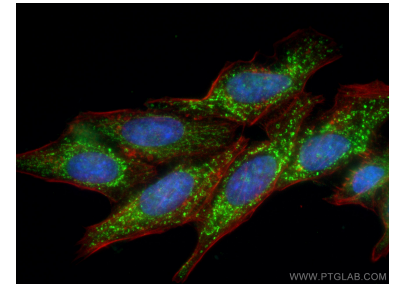
WB result of FDX1 antibody (12592-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FDX1 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12592-1-AP (FDX1 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 kidney tissue slide using 12592-1-AP (FDX1 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 HepG2 cells using FDX1 antibody (12592-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).