

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FDXR



Numéro de catalogue: 15584-1-AP

2 Publications

Informations de base

Numéro de catalogue: 15584-1-AP	Numéro d'acquisition GenBank: BC063493	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 700 µg/ml by Nanodrop;	Identification du gène (NCBI): 2232	Dilutions recommandées: WB 1:1000-1:8000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: ferredoxin reductase	
Isotype: IgG	MW calculé 54 kDa	
Immunogen Catalog Number: AG7145	MW observés: 48-58 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, porc, 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 : tissu testiculaire de souris, tissu de glande surrénale de porc, tissu de glande surrénale humain, tissu testiculaire de rat

IHC : tissu de cancer du foie humain,

Informations générales

Ferredoxin reductase (FDXR, also known as adrenodoxin reductase) is a mitochondrial membrane-associated flavoprotein. One of its functions is to transfer electrons from NADPH to the two human ferredoxin proteins, FDX1 and FDX2. FDXR is expressed in all tissues with the highest expression in tissues such as the adrenal cortex, that specialize in steroid hormone synthesis. Functionally, FDXR is suggested to be involved in various. Functionally, FDXR is suggested to be involved in various. Notably, recent studies have shown that FDXR mutations are associated with mitochondrial disorders, probably due to its role in iron-sulfur cluster protein biosynthesis (PMID: 32304229). FDXR has 7 isoforms with the molecular weight of 48-58 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yiqi Christina Lin	35688208	J Biol Chem	WB
Chaojun Yan	37207154	Front Oncol	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.

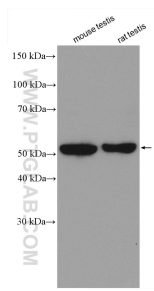
For technical support and original validation data for this product please contact:

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

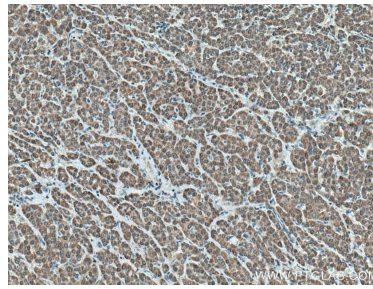
E: proteintech@ptglab.com
W: ptglab.com

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

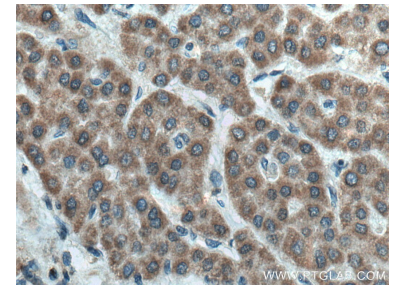
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 15584-1-AP (FDXR antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15584-1-AP (FDXR 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 15584-1-AP (FDXR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).