

FDX1 Polyklonaler Antikörper

Katalog-Nr.:12592-1-AP

Vorgestelltes Produkt

25 Publikationen

Allgemeine Informationen

Katalog-Nr.:

12592-1-AP

Größe:

150ul, Konzentration: 1000 µg/ml von 2230

Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG3301

GenBank-Zugangsnummer:

BC017063

GeneID (NCBI):

von 2230

Vollständiger Name:

ferredoxin 1

Berechnete Masse:

184 aa, 19 kDa

Beobachtete Masse:

14 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IHC 1:50-1:500

IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : A549-Zellen, HEK-293-Zellen, HepG2-Zellen, PC-3-Zellen

IHC : humanes Nierengewebe, humanes Lebergewebe, humanes Ovarialkarzinomgewebe

IF : HepG2-Zellen,

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

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

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**

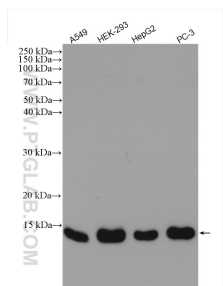
For technical support and original validation data for this product please contact:

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

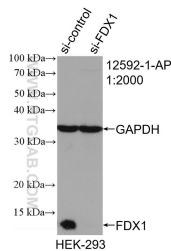
E: proteintech@ptglab.com
W: ptglab.com

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

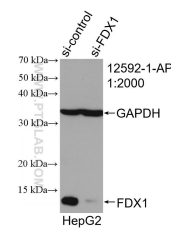
Ausgewählte Validierungsdaten



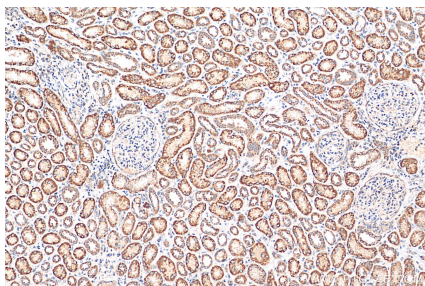
Various lysates were subjected to SDS PAGE followed by western blot with 12592-1-AP (FDX1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



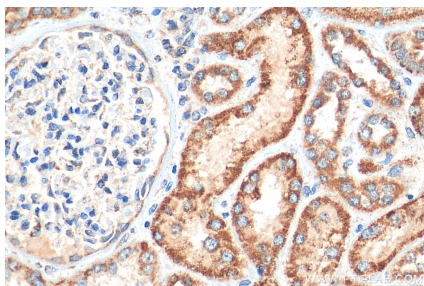
WB result of FDX1 antibody (12592-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FDX1 transfected HEK-293 cells.



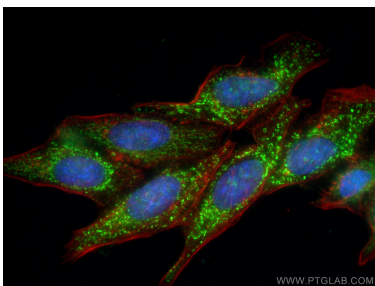
WB result of FDX1 antibody (12592-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FDX1 transfected HepG2 cells.



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).