

For Research Use Only

FDX1 Recombinant antibody, PBS Only



Catalog Number: 82957-2-PBS

Basic Information

Catalog Number: 82957-2-PBS	GenBank Accession Number: BC017063	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 2230	CloneNo.: 230196E9
Source: Rabbit	UNIPROT ID: P10109	
Isotype: IgG	Full Name: ferredoxin 1	
Immunogen Catalog Number: AG3301	Calculated MW: 184 aa, 19 kDa	
	Observed MW: 14 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human

Background Information

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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

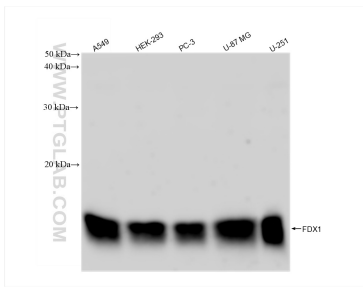
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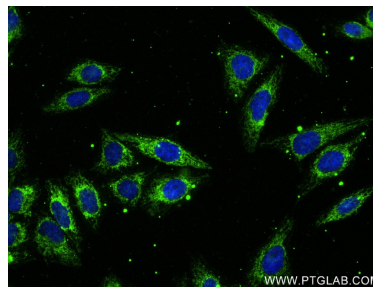
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82957-2-RR (FDX1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82957-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using FDX1 antibody (82957-2-RR, Clone: 230196E9) at dilution of 1:100 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 82957-2-PBS in a different storage buffer formulation.