

For Research Use Only

FDX1 Recombinant antibody

Catalog Number: 82957-2-RR



Basic Information

Catalog Number: 82957-2-RR	GenBank Accession Number: BC017063	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2230	CloneNo.: 230196E9
Source: Rabbit	UNIPROT ID: P10109	Recommended Dilutions: WB 1:2000-1:10000 IF 1:50-1:500
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/ICC, ELISA	Positive Controls:
Species Specificity: Human	WB : A549 cells, HEK-293 cells, PC-3 cells, U-87 MG cells, U-251 cells IF : HepG2 cells,

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

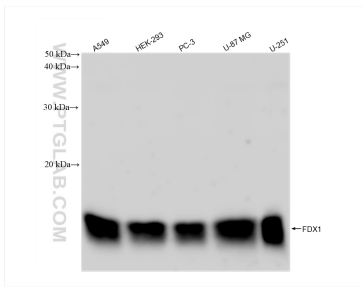
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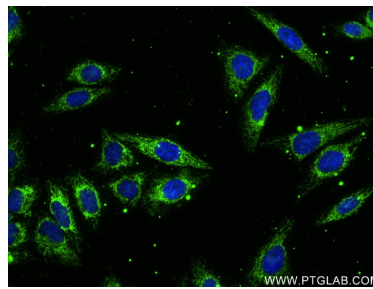
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Selected Validation Data



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.



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).