

Datasheet for ABIN2785841

**anti-Ferredoxin Reductase antibody (Middle Region)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	Ferredoxin Reductase (FDXR)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Horse, Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ferredoxin Reductase antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FDXR
Sequence:	LDPVDFGLGQ DKIKEVPRPR KRLTELLRT ATEKPGPAEA ARQASASRAW
Predicted Reactivity:	Cow: 86%, Dog: 79%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against FDXR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	Ferredoxin Reductase (FDXR)
Alternative Name:	FDXR ( <a href="#">FDXR Products</a> )

## Target Details

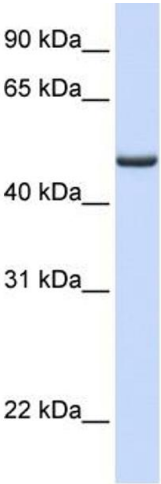
Background:	<p>FDXR is a mitochondrial flavoprotein that initiates electron transport for cytochromes P450 receiving electrons from NADPH. This gene encodes a mitochondrial flavoprotein that initiates electron transport for cytochromes P450 receiving electrons from NADPH. Multiple alternatively spliced transcript variants of this gene have been described although the full-length nature of only two that encode different isoforms have been determined.</p> <p>Alias Symbols: ADXR</p> <p>Protein Interaction Partner: UBC, NEDD8, FHIT, POU2F1, FDX1,</p> <p>Protein Size: 491</p>
Molecular Weight:	54 kDa
Gene ID:	2232
NCBI Accession:	<a href="#">NM_024417</a> , <a href="#">NP_077728</a>
UniProt:	<a href="#">P22570</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 491 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

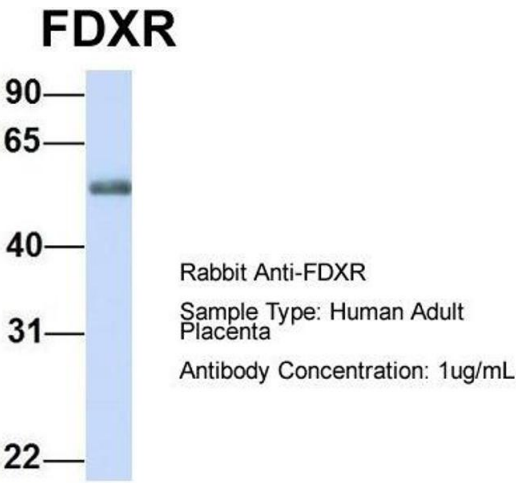


**Western Blotting**

**Image 1. WB Suggested Anti-FDXR Antibody Titration:** 0.2-1 ug/ml

**ELISA Titer:** 1:12500

**Positive Control:** Human Liver



**Western Blotting**

**Image 2.** Host: Rabbit

Target Name: FDXR

Sample Tissue: Human Adult Placenta

Antibody Dilution: 1.0 µg/mL