

Datasheet for ABIN2855801  
**anti-Ferredoxin Reductase antibody**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	Ferredoxin Reductase (FDXR)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ferredoxin Reductase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Ferredoxin Reductase. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Rabbit Polyclonal antibody to Ferredoxin Reductase (ferredoxin reductase) Ferredoxin Reductase antibody
Purification:	Purified by antigen-affinity chromatography.

## Target Details

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

## Target Details

**Background:** 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.

Cellular Localization: Mitochondrion matrix

**Molecular Weight:** 54 kDa

**Gene ID:** 2232

**UniProt:** [P22570](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: A549 , HCT116

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.97 mg/mL

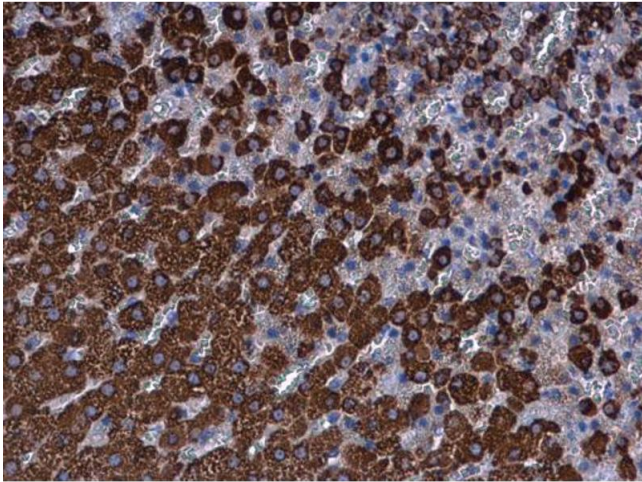
**Buffer:** 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

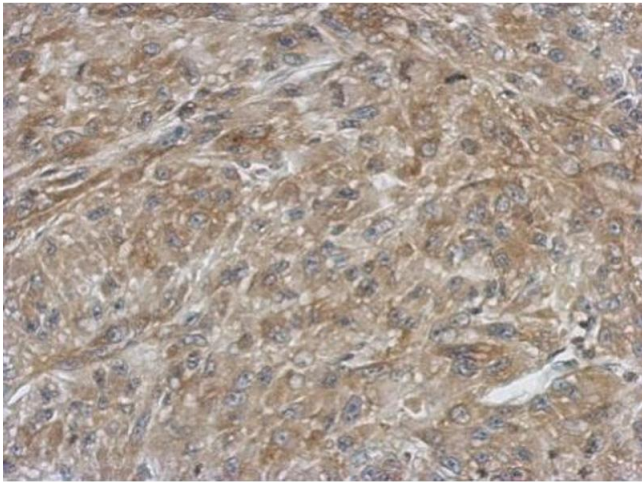
**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



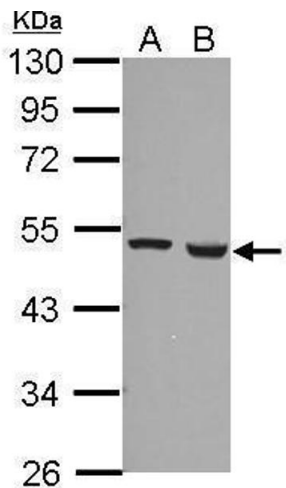
#### Immunohistochemistry

**Image 1.** IHC-P Image Ferredoxin Reductase antibody detects Ferredoxin Reductase protein at mitochondria in rat adrenal gland by immunohistochemical analysis. Sample: Paraffin-embedded rat adrenal gland. Ferredoxin Reductase antibody , diluted at 1:500.



#### Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded U87 xenograft, using Ferredoxin Reductase, antibody at 1:500 dilution.



#### Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A: A549 B: HCT116 10% SDS PAGE antibody diluted at 1:1000