



[Go to Product page](#)

Datasheet for ABIN1696657

anti-Ferredoxin Reductase antibody (AA 401-491) (AbBy Fluor® 555)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | Ferredoxin Reductase (FDXR) |
| Binding Specificity: | AA 401-491 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Ferredoxin Reductase antibody is conjugated to AbBy Fluor® 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human Ferredoxin Reductase |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Horse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | Ferredoxin Reductase (FDXR) |
| Alternative Name: | Ferredoxin Reductase/ADXR (FDXR Products) |

Target Details

Background: Synonyms: adrenodoxin reductase, ADRO_HUMAN, ADXR, AR, FDXR, Ferredoxin NADP+ reductase, Ferredoxin reductase, Ferredoxin--NADP+ reductase, mitochondrial, NADPH adrenodoxin oxidoreductase mitochondrial, NADPH:adrenodoxin oxidoreductase.

Background: Adrenodoxin Reductase (ADX Reductase) is a mitochondrial flavoprotein that receives electrons from NADPH and thereby initiates the electron-transport chain serving mitochondrial cytochromes P450. ADX Reductase participates in cholesterol side chain cleavage in all steroidogenic tissues, steroid 11- β hydroxylation in the adrenal cortex, 25-OH-vitamin D3-24 hydroxylation in the kidney and sterol C-27 hydroxylation in the liver. Alternate splicing of ADX Reductase produces two isoforms. Human ADX Reductase maps to human chromosome 17q24-q25.

Gene ID: 2232

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 $\mu\text{g}/\mu\text{L}$

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months