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Ferredoxin Reductase Rabbit mAb

Catalog No.: A27716   **Recombinant**

Basic Information

Observed MW
54kDa/48kDa

Calculated MW
54kDa

Category
SMab Recombinant Monoclonal
Antibody

Applications
WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

This gene encodes a mitochondrial flavoprotein that initiates electron transport for cytochromes P450 receiving electrons from NADPH. Multiple alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB	1:5000 - 1:30000
IF/ICC	1:100 - 1:200
IHC-P	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

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Immunogen Information

Gene ID
2232

Swiss Prot
P22570

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ADR; ADXR; ANOA

Product Information

Source	**Isotype**	**Purification**
Rabbit	IgG	Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data
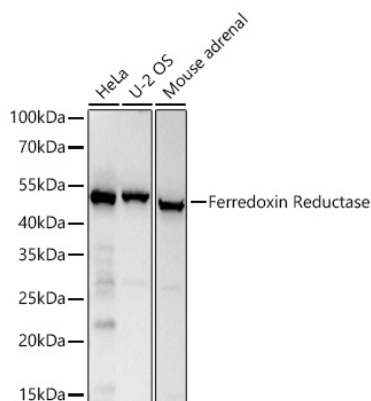
Western blot analysis of various lysates using Ferredoxin Reductase Rabbit mAb (A27716) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.
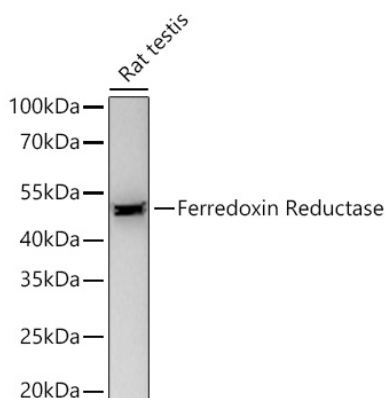

Western blot analysis of lysates from Rat testis using Ferredoxin Reductase Rabbit mAb (A27716) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.
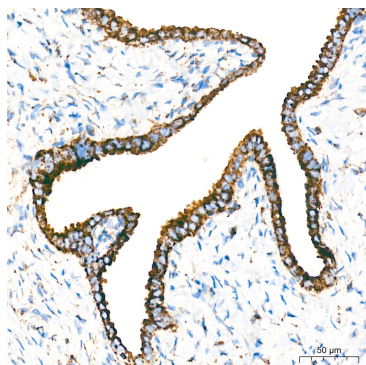
Immunohistochemistry analysis of paraffin-embedded Human fallopian tube tissue using Ferredoxin Reductase Rabbit mAb (A27716) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.
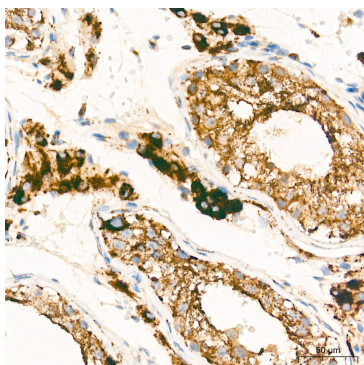
Immunohistochemistry analysis of paraffin-embedded Human testis tissue using Ferredoxin Reductase Rabbit mAb (A27716) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.
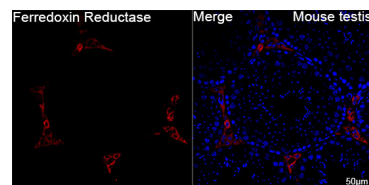
Confocal imaging of paraffin-embedded Mouse testis tissue using Ferredoxin Reductase Rabbit mAb (A27716, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

Antibody | Protein | ELISA Kits | Enzyme | NGS | Service