



FDX1 (PT1905R) Rabbit mAb

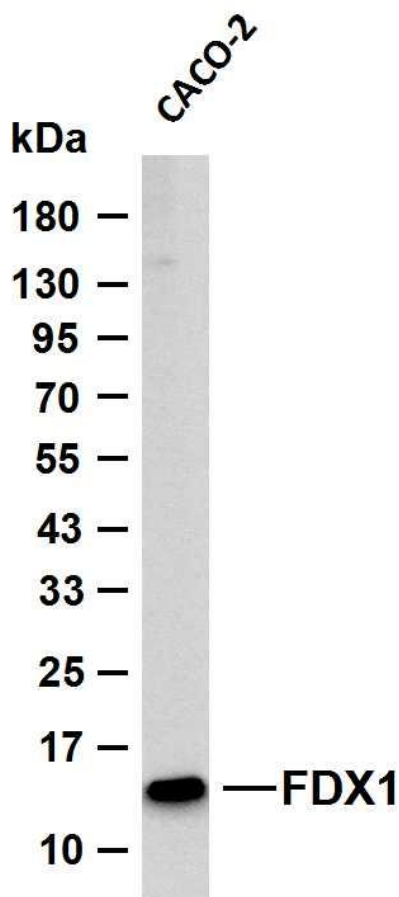
Catalog No	YP-rAb-18550
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB、IHC、IF、ELISA
Gene Name	FDX1 ADX
Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Purification	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Dilution	WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	FDX1 ADX;Adrenodoxin, mitochondrial (Adrenal ferredoxin) (Ferredoxin-1) (Hepatoredoxin);Adrenodoxin,mitochondrial ; Adrenal ferredoxin ; Ferredoxin-1 ; Hepatoredoxin ;
Observed Band	14kD
Calculated Molecular Weight	19kD
Cell Pathway	Mitochondrion matrix .
Tissue Specificity	Highest levels in the adrenal gland (at protein level) . Also detected in kidney and testis (at protein level) .
Function	Essential for the synthesis of various steroid hormones . Participates in the reduction of mitochondrial cytochrome P450 for steroidogenesis . Transfers electrons from adrenodoxin reductase to CYP11A1 , a cytochrome P450 that catalyzes cholesterol side-chain cleavage . Does not form a ternary complex with adrenodoxin reductase and CYP11A1 but shuttles between the two enzymes to transfer electrons (By similarity) .
Background	
matters needing attention	Avoid repeated freezing and thawing!



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

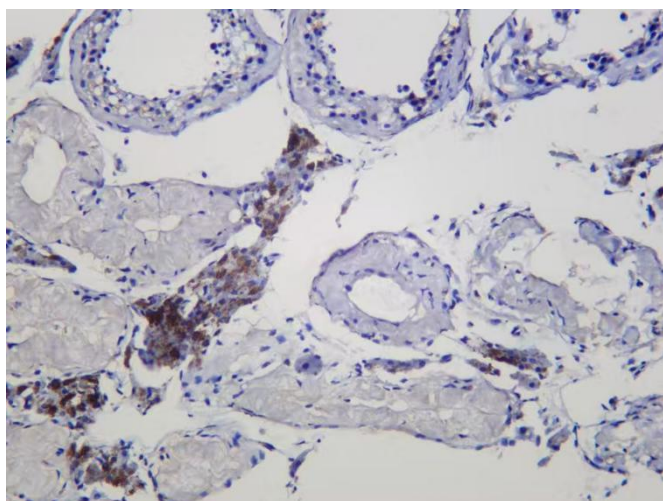


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-FDX1 (PT1905R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

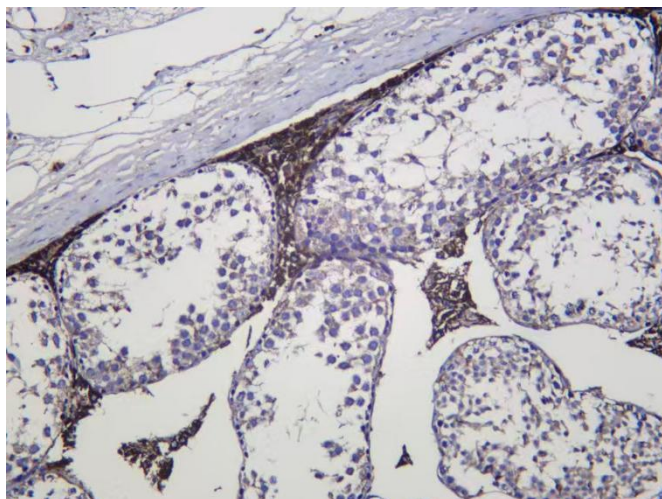
Lane 1: CACO-2

Predicted band size: 19kDa

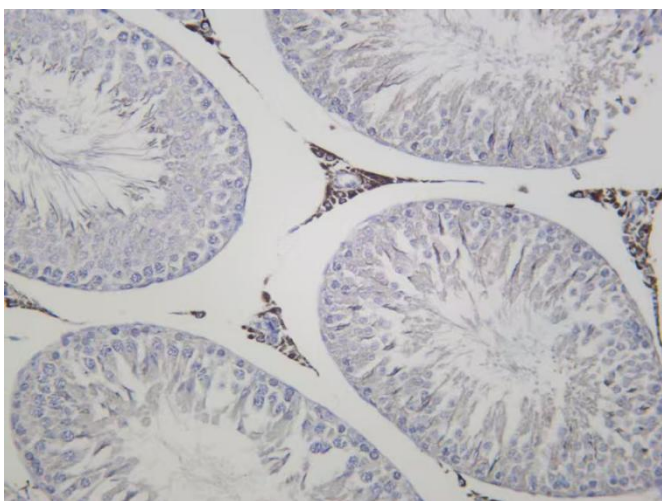
Observed band size: 14kDa



Human testis was stained with anti-FDX1 (PT1905R) Rabbit antibody



Mouse testis was stained with anti-FDX1 (PT1905R)
Rabbit antibody



Rat testis was stained with anti-FDX1 (PT1905R)
Rabbit antibody