

Adrenodoxin Rabbit mAb

Catalog # AP75039

Product Information

Application	WB, IHC-P, IP
Primary Accession	P10109
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	19393

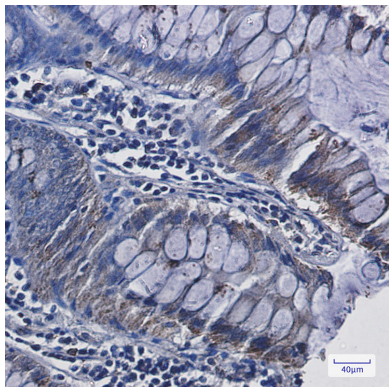
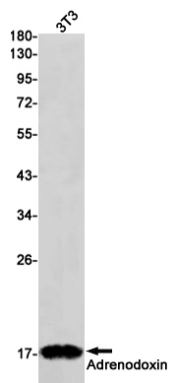
Additional Information

Gene ID	2230
Other Names	FDX1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	FDX1
Synonyms	ADX
Function	Essential for the synthesis of various steroid hormones (PubMed: 20547883 , PubMed: 21636783). Participates in the reduction of mitochondrial cytochrome P450 for steroidogenesis (PubMed: 20547883 , PubMed: 21636783). Transfers electrons from adrenodoxin reductase to CYP11A1, a cytochrome P450 that catalyzes cholesterol side-chain cleavage (PubMed: 20547883 , PubMed: 21636783). Does not form a ternary complex with adrenodoxin reductase and CYP11A1 but shuttles between the two enzymes to transfer electrons (By similarity).
Cellular Location	Mitochondrion matrix
Tissue Location	Highest levels in the adrenal gland (at protein level). Also detected in kidney and testis (at protein level)

Images



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