

Adrenodoxin Rabbit mAb
Catalog # AP75039**Specification**

Adrenodoxin Rabbit mAb - Product Information

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

Adrenodoxin Rabbit mAb - 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.**Adrenodoxin Rabbit mAb - 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)

Adrenodoxin Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Adrenodoxin Rabbit mAb - Images

