

FDX1 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP5902b

Specification

FDX1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession P10109
Other Accession NP_004100.1

FDX1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 2230

Other Names

Adrenodoxin, mitochondrial, Adrenal ferredoxin, Ferredoxin-1, Hepatoredoxin, FDX1, ADX

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FDX1 Antibody (C-term) Blocking peptide - Protein Information

Name FDX1

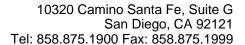
Synonyms ADX

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" target="_blank">20547883" target="_blank">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)

FDX1 Antibody (C-term) Blocking peptide - Protocols

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

• Blocking Peptides

FDX1 Antibody (C-term) Blocking peptide - Images