

FDXR Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16132b**Specification**

FDXR Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P22570](#)

FDXR Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2232

Other Names

NADPH:adrenodoxin oxidoreductase, mitochondrial, AR, Adrenodoxin reductase,
Ferredoxin--NADP(+) reductase, Ferredoxin reductase, FDXR, ADXR

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.

FDXR Antibody (C-term) Blocking Peptide - Protein Information

Name FDXR ([HGNC:3642](#))

Synonyms ADXR

Function

Serves as the first electron transfer protein in all the mitochondrial P450 systems including cholesterol side chain cleavage in all steroidogenic tissues, steroid 11-beta hydroxylation in the adrenal cortex, 25-OH-vitamin D3-24 hydroxylation in the kidney, and sterol C- 27 hydroxylation in the liver.

Cellular Location

Mitochondrion inner membrane {ECO:0000250|UniProtKB:P48360}; Peripheral membrane protein

FDXR Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FDXR Antibody (C-term) Blocking Peptide - Images**FDXR Antibody (C-term) Blocking Peptide - Background**

This gene encodes a mitochondrial flavoprotein that initiates electron transport for cytochromes P450 receiving electrons from NADPH. Multiple alternatively spliced transcript variants of this gene have been described although the full-length nature of only two that encode different isoforms have been determined.

FDXR Antibody (C-term) Blocking Peptide - References

Trapasso, F., et al. J. Biol. Chem. 283(20):13736-13744(2008) Araya, Z., et al. Biochim. Biophys. Acta 1632 (1-3), 40-47 (2003) :Thiboutot, D., et al. J. Invest. Dermatol. 120(6):905-914(2003) Liu, G., et al. Oncogene 21(47):7195-7204(2002) Coghlan, V.M., et al. J. Biol. Chem. 266(28):18606-18612(1991)