

RecomAb™

FDX1 recombinant monoclonal antibody, clone R02-2B4

Catalog # RAB01626 Size 100 uL

Applications



Western Blot

Western blot analysis of Adrenodoxin in 3T3 lysates using human Adrenodoxin recombinant monoclonal antibody, clone R02-2B4 (Cat # RAB01626).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Adrenodoxin.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Adrenodoxin
Theoretical MW (kDa)	Calculated MW: 19 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Adrenodoxin in 3T3 lysates using human Adrenodoxin recombinant monoclonal antibody, clone R02-2B4 (Cat # RAB01626).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunoprecipitation

Gene Info — FDX1

Entrez GeneID [2230](#)

Protein Accession# [P10109](#)

Gene Name FDX1

Gene Alias ADX, FDX, LOH11CR1D

Gene Description ferredoxin 1

Omim ID [103260](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene is a small iron-sulfur protein that transfers electrons from NADPH through ferredoxin reductase to a terminal cytochrome P450. This particular oxidation/reduction system is found in steroidogenic tissues, and is involved with the synthesis of bile acid and vitamin D. In addition to the expressed gene at this chromosomal locus (11q22), there are pseudogenes located on chromosomes 20 and 21. This gene product has been identified in a number of different tissues but all forms have been shown to be identical and are not tissue specific. [provided by RefSeq]

Other Designations adrenodoxin

Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)