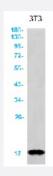


RecomAb™

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	lgG
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)



Product Information

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 shoul d 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 GenelD	2230
Protein Accession#	P10109
Gene Name	FDX1
Gene Alias	ADX, FDX, LOH11CR1D
Gene Description	ferredoxin 1
Omim ID	103260
Gene Ontology	<u>Hyperlink</u>
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 add ition 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