



Anti-FDX1 monoclonal antibody, clone FQS5741 (DCABH-199)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Adrenodoxin
Antigen Description	Participates in the synthesis of thyroid hormones. Transfers electrons from adrenodoxin reductase to the cholesterol side chain cleavage cytochrome P450.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) (internal sequence)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS5741
Conjugate	Unconjugated
Applications	IP, WB, ICC/IF
Positive Control	Human placenta, Human thyroid and A549 lysates; A549 cells
Format	Liquid
Size	100 µl
Buffer	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	FDX1 ferredoxin 1 [Homo sapiens]
Official Symbol	FDX1
Synonyms	FDX1; ferredoxin 1; FDX; adrenodoxin, mitochondrial; adrenodoxin; ADX; ferredoxin-1; hepatoferredoxin; adrenal ferredoxin; mitochondrial adrenodoxin; LOH11CR1D;
Entrez Gene ID	2230
Protein Refseq	NP_004100
UniProt ID	P10109
Chromosome Location	11q22.3
Function	2 iron, 2 sulfur cluster binding; NADPH-adrenodoxin reductase activity; cholesterol monooxygenase (side-chain-cleaving) activity; electron carrier activity; enzyme binding; iron ion binding; metal ion binding;