



Anti-FDX1 monoclonal antibody, clone FQS5730 (DCABH-121)

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	A synthetic peptide corresponding to residues in Human Adrenodoxin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS5730
Conjugate	Unconjugated
Applications	WB, IP, IHC-P, ICC
Positive Control	Human placenta, A549, Human thyroid, and JAR lysates; Human adrenal gland tissue.
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; hepatoredoxin; 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;