



# Anti-ECHS1 monoclonal antibody, clone FQS22895(C) (DCABH-5354)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal to ECHS1
<b>Antigen Description</b>	ECHS1 (Enoyl Coenzyme A hydratase, short chain, 1) catalyzes the hydration of 2-trans-enoyl-coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs, in the second step of the mitochondrial fatty acid beta-oxidation pathway.
<b>Immunogen</b>	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human ECHS1 aa 150-250 (Cysteine residue). The exact sequence is proprietary. Database link: P30084
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Clone</b>	FQS22895(C)
<b>Purity</b>	Tissue culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, Flow Cyt
<b>Positive Control</b>	Fetal liver and HeLa lysates; Human cardiac muscle and liver tissues; HeLa cells.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Ship</b>	Shipped at 4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ECHS1 enoyl CoA hydratase, short chain, 1, mitochondrial [ Homo sapiens ]</a>
<b>Official Symbol</b>	ECHS1
<b>Synonyms</b>	ECHS1; enoyl CoA hydratase, short chain, 1, mitochondrial; enoyl Coenzyme A hydratase, short chain, 1, mitochondrial; enoyl-CoA hydratase, mitochondrial; SCEH; enoyl-CoA hydratase 1; short-chain enoyl-CoA hydratase;
<b>Entrez Gene ID</b>	<a href="#">1892</a>
<b>Protein Refseq</b>	<a href="#">NP_004083</a>
<b>UniProt ID</b>	<a href="#">P30084</a>
<b>Chromosome Location</b>	10q26.2-q26.3
<b>Pathway</b>	Beta oxidation of butanoyl-CoA to acetyl-CoA, organism-specific biosystem; Beta oxidation of decanoyl-CoA to octanoyl-CoA-CoA, organism-specific biosystem; Beta oxidation of hexanoyl-CoA to butanoyl-CoA, organism-specific biosystem; Beta oxidation of lauroyl-CoA to decanoyl-CoA-CoA, organism-specific biosystem; Beta oxidation of octanoyl-CoA to hexanoyl-CoA, organism-specific biosystem; Butanoate metabolism, organism-specific biosystem; Butanoate metabolism, conserved biosystem;
<b>Function</b>	enoyl-CoA hydratase activity; lyase activity; protein binding;