

Datasheet for ABIN709051

anti-ECHS1 antibody (AA 111-210) (Cy5.5)



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Overview

Quantity:	100 µL
Target:	ECHS1
Binding Specificity:	AA 111-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ECHS1 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ECHS1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	ECHS1
Alternative Name:	ECHS1 (ECHS1 Products)
Background:	Synonyms: ECHS 1, Enoyl CoA hydratase 1, Enoyl CoA hydratase mitochondrial, Enoyl CoA

Target Details

hydratase short chain 1 mitochondrial, Enoyl Coenzyme A hydratase short chain 1, Enoyl Coenzyme A hydratase short chain 1 mitochondrial, Mitochondrial short chain enoyl coenzyme A hydratase 1, OTTHUMP00000020811, SCEH, Short chain enoyl CoA hydratase, C80529, EC 4.2.1.17.

Background: 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.

Gene ID: 54981

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months