

Datasheet for ABIN894860

**anti-ECHS1 antibody (AA 111-210) (AbBy Fluor® 350)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | ECHS1                                                                                                                          |
| Binding Specificity: | AA 111-210                                                                                                                     |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This ECHS1 antibody is conjugated to AbBy Fluor® 350                                                                           |
| 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 ( <a href="#">ECHS1 Products</a> )                                              |
| 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