

Datasheet for ABIN709055

anti-ECHS1 antibody (AA 111-210) (HRP)[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 HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

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

Expiry Date: 12 months