

Datasheet for ABIN2462885

anti-ECHS1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	ECHS1
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ECHS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ECHS1.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	ECHS1
Alternative Name:	ECHS1 (ECHS1 Products)
Background:	ECHS1 functions in the second step of the mitochondrial fatty acid beta-oxidation pathway. It catalyzes the hydration of 2-trans-enoyl-coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs. ECHS1 is a member of the hydratase/isomerase superfamily. It localizes to the mitochondrial matrix. The protein encoded by this gene functions in the second step of the mitochondrial fatty acid beta-oxidation pathway. It catalyzes the hydration of 2-trans-enoyl-

Target Details

coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs. The gene product is a member of the hydratase/isomerase superfamily. It localizes to the mitochondrial matrix. Transcript variants utilizing alternative transcription initiation sites have been described in the literature.

Molecular Weight: 28 kDa

Gene ID: 1892

NCBI Accession: [NP_004083](#)

UniProt: [P30084](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: ECHS1 antibody can be used for detection of ECHS1 by ELISA at 1:312500. ECHS1 antibody can be used for detection of ECHS1 by western blot at 5.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.

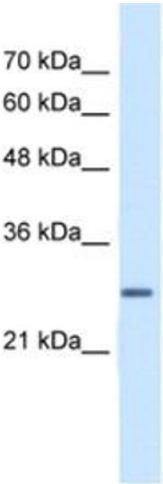
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store ECHS1 antibody at -20 °C.



Western Blotting

Image 1.