

Product datasheet for TA375699S

OriGene Technologies, Inc.

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ECHS1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, ICC/IF, WB

Recommended Dilution: WB.1:1000 - 1:2000

IF/ICC,1:50 - 1:200

ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 31kDa

Gene Name: enoyl-CoA hydratase, short chain, 1, mitochondrial

Database Link: Entrez Gene 1892 Human

P30084

Background: 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-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

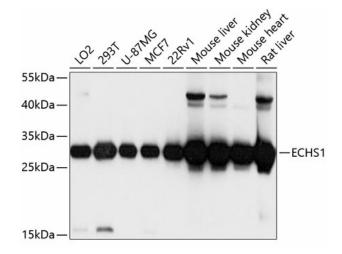
utilizing alternative transcription initiation sites have been described in the literature.

Synonyms: SCEH

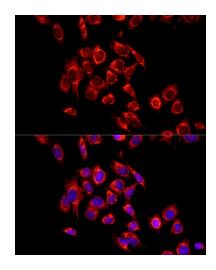




Product images:

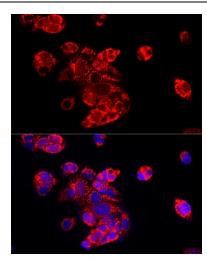


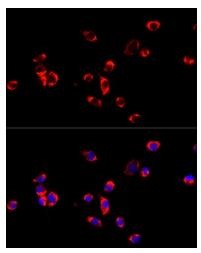
Western blot analysis of various lysates using ECHS1 Rabbit pAb ([TA375699]) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of HeLa cells using ECHS1 Rabbit pAb ([TA375699]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.







Immunofluorescence analysis of MCF7 cells using ECHS1 Rabbit pAb ([TA375699]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of NIH/3T3 cells using ECHS1 Rabbit pAb ([TA375699]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.