

ECH1 Polyclonal Antibody

Catalog Number:E-AB-52890



Note: Centrifuge before opening to ensure complete recovery of vial contents.

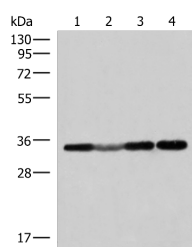
Description

Reactivity	Human, Rat
Immunogen	Fusion protein of human ECH1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

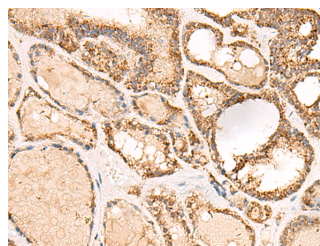
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:50-1:300
ELISA	1:5000-1:10000

Data



Western blot analysis of 293T and Hela cell Human fetal liver tissue lysates using ECH1 Polyclonal Antibody at dilution of 1:300
Observed Mw:Refer to figures
Calculated Mw:36 kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ECH1 Polyclonal Antibody at dilution of 1:50(×200)

Preparation & Storage

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

Background

This gene encodes a member of the hydratase/isomerase superfamily. The gene product shows high sequence similarity to enoyl-coenzyme A (CoA) hydratases of several species, particularly within a conserved domain characteristic of these proteins. The encoded protein, which contains a C-terminal peroxisomal targeting sequence, localizes to the peroxisome. The rat ortholog, which localizes to the matrix of both the peroxisome and mitochondria, can isomerize 3-trans,5-cis-dienoyl-CoA to 2-trans,4-trans-dienoyl-CoA, indicating that it is a delta3,5-delta2,4-dienoyl-CoA isomerase. This enzyme functions in the auxiliary step of the fatty acid beta-oxidation pathway. Expression of the rat gene is induced by peroxisome proliferators.

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