

Datasheet for ABIN1536876
anti-ECH1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	ECH1
Binding Specificity:	AA 223-250, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ECH1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ECH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 223-250 amino acids from the C-terminal region of human ECH1.
Clone:	RB37316
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ECH1
Alternative Name:	ECH1 (ECH1 Products)
Background:	This gene encodes a member of the hydratase/isomerase superfamily. The gene product

Target Details

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.

Molecular Weight: 35816

Gene ID: 1891

NCBI Accession: [NP_001389](#)

UniProt: [Q13011](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

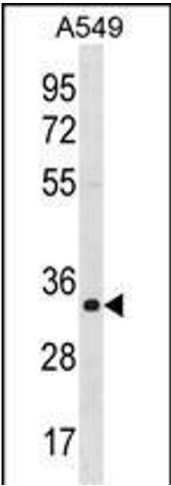
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: ECH1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. ECH1 Antibody (C-term) (ABIN1536876 and ABIN2850054) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the ECH1 antibody detected the ECH1 protein (arrow).