

## ECH1 antibody

Catalog No: #31862

Package Size: #31862-1 50ul #31862-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

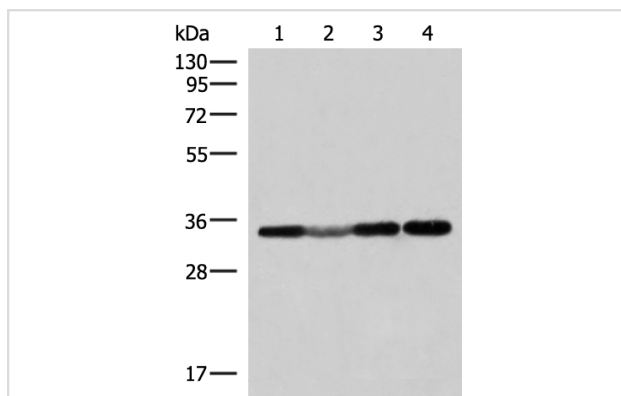
## Description

Product Name	ECH1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu, Rt
Immunogen Description	Fusion protein of human ECH1
Target Name	ECH1
Other Names	HPXEL
Accession No.	NCBI Protein#:BC011792
Calculated MW	36 kDa
Concentration	0.9mg/ml
Formulation	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Storage	Store at -20°C/1 year

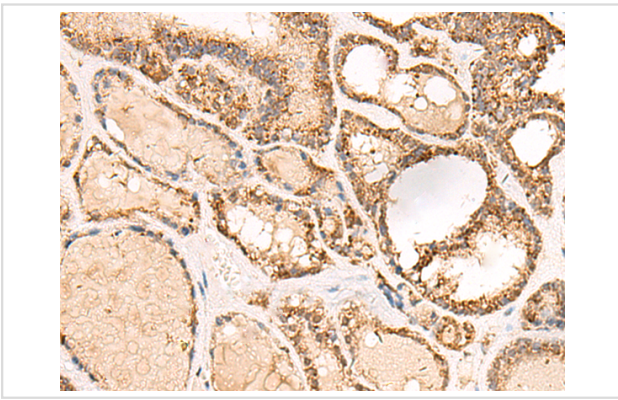
## Application Details

WB dilution:1:500-1:2000IHC dilution:1:50-1:300

## Images



Gel: 8%SDS-PAGE, Lysate: 40 µg, Lane 1-4: HepG2, 293T and Hela cell, Human fetal liver tissue lysates, Primary antibody:ECH1 Antibody at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 15 seconds



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using (ECH1 Antibody) at dilution 1/50.

## 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.