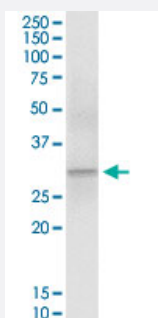


ECH1 (Human) IP-WB Antibody Pair

Catalog # H00001891-PW2

Size 1 Set

Applications



Immunoprecipitation of ECH1 transfected lysate using rabbit polyclonal anti-ECH1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-ECH1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ECH1 transfected lysate using rabbit polyclonal anti-ECH1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-ECH1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-ECH1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-ECH1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — ECH1

Entrez GeneID [1891](#)

Gene Name ECH1

Gene Alias HPXEL

Gene Description enoyl Coenzyme A hydratase 1, peroxisomal

Omim ID [600696](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations delta3,5-delta2,4-dienoyl-CoA isomerase|dienoyl-CoA isomerase|peroxisomal enoyl-CoA hydratase 1|peroxisomal enoyl-coenzyme A hydratase-like protein

Pathway

- [Tyrosine metabolism](#)