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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ECH1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001891-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human ECH1 protein.

Immunogen: ECH1 (NP_001389.2, 1 a.a. ~ 328 a.a) full-length human protein.

Sequence:
 MAAGIVASRRRLRDLLTRRLTGSNYPGLSISLRLTGSSAQEEASGVALGEA
 PDHSYESLRVTSQAKHVLHVQLNRPNKRNAMNKVFWREMVECFNKISRD
 ADCRAVVISGAGKMFTAGIDLMDMASDILQPKGDDVARISWYLRDIITRYQ
 ETFNVIERCPKPVIAAVHGGCIGGGVDLVTACDIRYCAQDAFFQVKEVDV
 GLAADVGTQLRRLPKVIGNQSLVNELAFTARKMMADEALGSGLVSRVFPD
 KEVMLDAALALAAEISSKSPVAVQSTKVNLLYSRDHVAESLNYVASWNM
 SMLQTQDLVKSQATTENKELKTVTF SKL

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

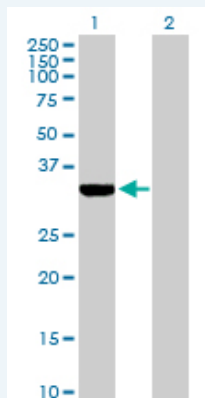
Western Blot (Transfected lysate)



[enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of ECH1 expression in transfected 293T cell line (H00001891-T01) by ECH1 MaxPab polyclonal antibody.

Lane 1: ECH1 transfected lysate(35.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Information

Entrez GeneID: [1891](#)

**GeneBank
Accession#:** [NM_001398.2](#)

**Protein
Accession#:** [NP_001389.2](#)

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

Gene Pathway

[Tyrosine metabolism](#)