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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ECH1 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00001891-B01

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse 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
 PDHSYESLRVTSAQKHVLHVQLNRPNKRNAMNKVFWREMVECFNKISRD
 ADCRAVVISGAGKMFTAGIDLMDMASDILQPKGDDVARISWYLRDIITRYQ
 ETFNVIERCPKPVIAAVHGGCIGGGVDLVTACDIRYCAQDAFFQVKEVDV
 GLAADVGTQLRQLPKVIGNQSLVNELAFTARKMMADEALGSGLVSRVFPD
 KEVMLDAALALAAEISSKSPVAVQSTKVNLLYSRDHVAESLNYVASWNM
 SMLQTQDLVKSQVATTENKELKTVTFSKL

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: No additive

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

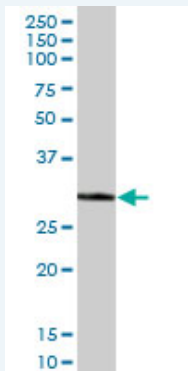
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Western Blot (Tissue lysate)



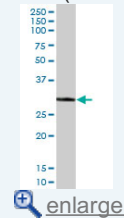
ECH1 MaxPab polyclonal antibody. Western Blot analysis of ECH1 expression in human liver.

 [Protocol Download](#)

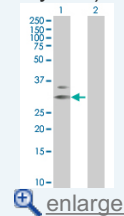
Western Blot (Transfected lysate)

Application Image

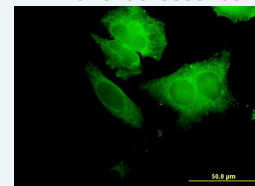
Western Blot (Tissue lysate)

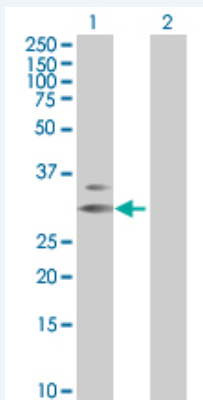


Western Blot (Transfected lysate)



Immunofluorescence



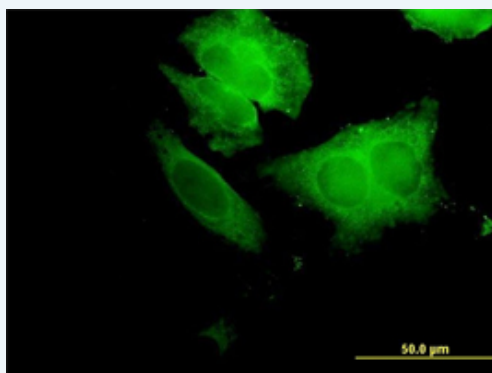


Western Blot analysis of ECH1 expression in transfected 293T cell line ([H00001891-T01](#)) by ECH1 MaxPab polyclonal antibody.

Lane 1: ECH1 transfected lysate(36.08 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Immunofluorescence



enlarge this image

Immunofluorescence of [purified](#) MaxPab antibody to ECH1 on HeLa cell. [antibody concentration 10 ug/ml]

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Gene Information

Entrez GeneID: [1891](#)

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

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

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](#)

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