

DNAxPAb

Hard-to-Find  
Antibody

# ECH1 DNAxPab

Catalog # H00001891-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ECH1 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MAAGIVASRRRLRDLLTRRLTGSNYPGLSISLRLTGSSAQEEASGVALGEAPDHSYESLRVTSAQKH VLHVQLNRPNKRNAMNKVFWREMVCEFNKISRDCRAVVISGAGKMFTAGIDLMDMASDILQP KGDDVARISWYLRDIITRYQETFNVIERCPKPVIAAVHGGCIGGGVDLVTACDIRYCAQDAFFQVKE VDVGLAADVGTLQRLPKVIGNQSLVNELAFTARKMMADEALGSGLVSRVFPDKEVMLDAALALA AEISSKSPVAVQSTKVNLLYSRDHSVAESLNYVASWNMSMLQTQDLVKSQATTENKELKTVTF KL
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — ECH1

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

## Pathway

- [Tyrosine metabolism](#)