Rabbit anti-Human, Rat ECH1 Polyclonal Antibody | anti-ECH1 antibody

ECH1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176552	**Rabbit**	**Human, Rat**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ECH1; Polyclonal Antibody; ECH1 Polyclonal Antibody; 4)-dienoyl-CoA isomerase; 5)-Delta(2; Delta(3 5) Delta(2 4) dienoyl CoA isomerase; Delta(3 5) Delta(2 4) dienoyl CoA isomerase mitochondrial; Delta(3; Delta3 5 delta2 4 dienoyl CoA isomerase; Dienoyl CoA isomerase; ECH 1; Ech1; Enoyl Coenzyme A hydratase 1; Enoyl Coenzyme A hydratase 1 peroxisomal; HPXEL; Mitochondrial; MS1034; Peroxisomal enoyl CoA hydratase 1; Peroxisomal enoyl coenzyme A hydratase like protein; anti-ECH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.9mg/mL (varies by lot)
Sequence Length	328
Applicable Applications for anti-ECH1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human ECH1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ECH1 Polyclonal Antibody at dilution of 1:50(×200

WB (Western Blot)
Western blot analysis of 293T and Hela cell Human fetal liver tissue lysates using ECH1 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-ECH1 antibody	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.
Product Categories/Family for anti-ECH1 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	70995211
NCBI GeneID	1891
NCBI Accession #	NP_001389.2; BC011792
NCBI GenBank Nucleotide #	NP_001389.2
UniProt Accession #	Q13011
Molecular Weight	36 kDa
NCBI Official Full Name	delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
NCBI Official Synonym Full Names	enoyl-CoA hydratase 1
NCBI Official Symbol	ECH1
NCBI Official Synonym Symbols	HPXEL
NCBI Protein Information	delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
UniProt Protein Name	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
UniProt Gene Name	**ECH1**
UniProt Entry Name	ECH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/ech1-antibody-immunohistochemistry-western-blot-elisa/176552