

Anti-ECH1 Antibody (4B261)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4B261
Purification:	Protein A

Applications

Anti-ECH1 rabbit monoclonal antibody at 1:500 dilution.

-Lane A: HepG2 Whole Cell Lysate.

-Lane B: Jurkat Whole Cell Lysate.

-Lane C: A549 Whole Cell lysate.

-Lysates/proteins at 30 µg per lane.

Verified Activity:

-Secondary

-Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

-Developed using the Odyssey technique.

-Performed under reducing conditions.

-Predicted band size:36 kDa.

-Observed band size:36 kDa

Application: ELISA,WB

Recommended WB: 1:500-1:2000; ELISA: 1:5000-1:10000

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Human ECH1 Protein (TMPY-03464)

Antigen Species: Human

Synonyms: enoyl CoA hydratase 1, peroxisomal;HPXEL

Research Background

ECH1 is a member of the hydratase/isomerase superfamily. ECH1 shows high sequence similarity to enoyl-CoA hydratases of several species, particularly within a conserved domain characteristic of these proteins. ECH1 contains a C-terminal peroxisomal targeting sequence and localizes to peroxisomes. 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. ECH1 functions in the auxiliary step of the fatty acid beta-oxidation pathway. Expression of the rat gene is induced by peroxisome

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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