Anti-ECI2 Antibody

Description	This gene encodes a member of the hydratase/isomerase superfamily. The protein encoded is a key mitochondrial enzyme involved in beta-oxidation of unsaturated fatty acids. It catalyzes the transformation of 3-cis and 3-trans-enoyl-CoA esters arising during the stepwise degradation of cis-, mono-, and polyunsaturated fatty acids to the 2-trans-enoyl-CoA intermediates. Alternatively spliced transcript variants have been described.

Model	STJ115039
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-364 of human ECI2 (NP_006108.2).
Gene ID	10455
Gene Symbol	ECI2
Dilution range	WB 1:1000 - 1:2000
Tissue Specificity	Abundant in heart, skeletal muscle and liver, Expressed in CD34(+) T-cells and CD34(+) bone marrow cells
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Enoyl-CoA delta isomerase 2 mitochondrial

Molecular Weight	43.585 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:14601OMIM:608024Reactome:R-HSA-390247
Alternative Names	Enoyl-CoA delta isomerase 2 mitochondrial
Function	Able to isomerize both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species, Has a preference for 3-trans substrates ,
Cellular Localization	Mitochondrion