

## ECI1 Antibody

Catalog No: #32230

Package Size: #32230-1 50ul #32230-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

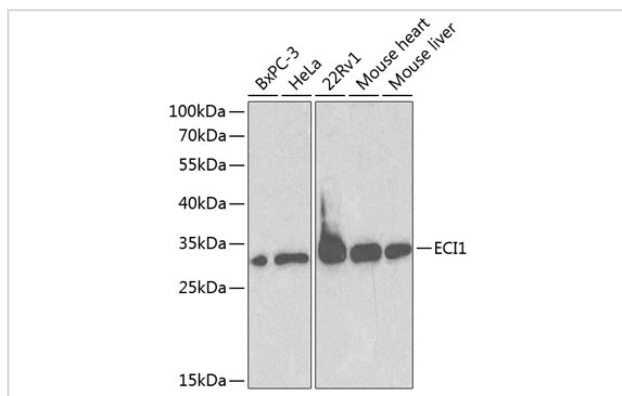
## Description

Product Name	ECI1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total ECI1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ECI1.
Target Name	ECI1
Other Names	ECI1; DCI; DodecenoylCoAisomerase; D3; D2enoylCoAisomerase
Accession No.	Swiss-Prot:P42126NCBI Gene ID:1632
Uniprot	P42126
GeneID	1632;
SDS-PAGE MW	33KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

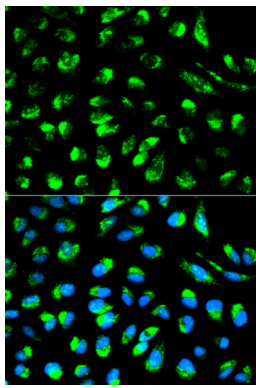
## Application Details

WB □ 1:500 - 1:2000IF □ 1:50 - 1:200

## Images



Western blot analysis of extracts of various cell lines, using ECI1 at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using EC11 . Blue: DAPI for nuclear staining.

## Background

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.

Note: This product is for in vitro research use only