

Datasheet for ABIN453614
anti-DCI antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.4 mL
Target:	DCI (EC11)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	conjugated synthetic peptide selected from the C-term region of human DCI
Specificity:	This antibody reacts to DCI.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	DCI (EC11)
Alternative Name:	DCI (EC11 Products)
Background:	DCI is 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. Synonyms: 2-trans-enoyl-CoA isomerase mitochondrial, 3, Delta(2)-enoyl-CoA isomerase, Delta(3),

Target Details

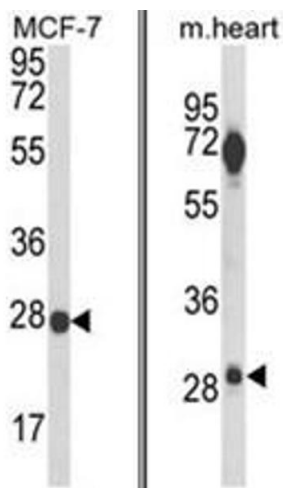
	Dodecenoyl-CoA isomerase
Gene ID:	1632
NCBI Accession:	NP_001910
UniProt:	P42126

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. (LEFT) Western blot analysis of DCI Antibody (C-term) in MCF-7 cell line lysates (35ug/lane). DCI (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of DCI Antibody (C-term) in mouse heart tissue lysates (35ug/lane). DCI (arrow) was detected using the purified Pab.