

DNAxPAb

Hard-to-Find
Antibody

DCI DNAxPab

Catalog # H00001632-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DCI DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKFKNPPVNSLSLEFLTELVISLEKLENDKSFRGVILTSDRPGVFSAGLDLTEMCGRSPAHYAGY WKAVQELWLRLYQSNLVLVSAINGACPAGGCLVALTCDYRILADNPRYICGLNETQLGIIAPFWLKD TLENTIGHRAAERALQLGLFPFAEALQVGVDQVVPPEEQVQSTALSAIAQWMAIPDHARQLTKAM MRKATASRLVTQRDADVQNFVSFISKDSIQKSLQMYLERLKEEKG
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — DCI

Entrez GeneID	1632
GeneBank Accession#	BC009631.1
Protein Accession#	AAH09631.1
Gene Name	DCI
Gene Alias	-
Gene Description	dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase)
Omim ID	600305
Gene Ontology	Hyperlink
Gene Summary	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, but their full-length nature has not been determined. [provided by RefSeq]
Other Designations	3,2 trans-enoyl-Coenzyme A isomerase D3,D2-enoyl-CoA isomerase acetylene-allene isomerase delta3, delta2-enoyl-CoA isomerase dodecenoyl-CoA delta isomerase dodecenoyl-Coenzyme A delta isomerase

Pathway

- [Fatty acid metabolism](#)