

Rabbit anti-Human DCI Polyclonal Antibody | anti-ECI1 antibody

DCI Antibody (C-term)

CATALOG # AAA290721	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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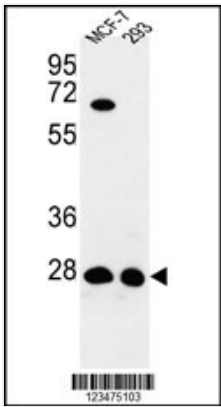
PRODUCT SYNONYMS

DCI; Polyclonal Antibody; DCI Antibody (C-term); Enoyl-CoA delta isomerase 1; mitochondrial; 2-trans-enoyl-CoA isomerase; Delta(3); Delta(2)-enoyl-CoA isomerase; D3; D2-enoyl-CoA isomerase; Dodecenoyl-CoA isomerase; ECI1; anti-ECI1 antibody

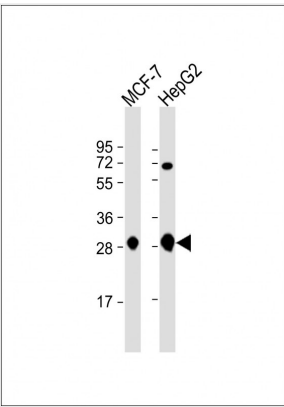
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This DCI antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human DCI.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	285
Applicable Applications for anti-ECI1 antibody	ELISA, WB (Western Blot)
Subtitle	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Mitochondrion matrix.
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of DCI Antibody (C-term) in MCF-7, 293 cell line lysates (35ug/lane). DCI (arrow) was detected using the purified Pab.



WB (Western Blot)
All lanes : Anti-DCI Antibody (C-term) at 1:1000 dilution
Lane 1: MCF-7 whole cell lysate
Lane 2: HepG2 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 33 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ECI1 antibody	Description: DCI 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. Background: Able to isomerize both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species.
Product Categories/Family for anti-ECI1 antibody	Primary Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction
References	Partanen,S.T., et.al., J. Mol. Biol. 342 (4), 1197-1208 (2004). Wistow,G., et.al, Mol. Vis. 8, 171-184 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	295842266
NCBI GeneID	1632
NCBI Accession #	NP_001171500.1
NCBI GenBank Nucleotide #	NM_001178029.1
UniProt Accession #	P42126; Q13290; Q7Z2L6; Q7Z2L7; Q9BUB8; Q9BW05; Q9UDG6; A8K512
Molecular Weight	32816 Da
NCBI Official Full Name	enoyl-CoA delta isomerase 1, mitochondrial isoform 2
NCBI Official Synonym Full Names	enoyl-CoA delta isomerase 1
NCBI Official Symbol	ECI1
NCBI Official Synonym Symbols	DCI
NCBI Protein Information	enoyl-CoA delta isomerase 1, mitochondrial
UniProt Protein Name	Enoyl-CoA delta isomerase 1, mitochondrial
UniProt Gene Name	ECI1
UniProt Synonym Gene Names	DCI; D3,D2-enoyl-CoA isomerase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dci-antibody-western-blot-elisa/290721>