

Rabbit ECI1 Polyclonal Antibody | anti-ECI1 antibody

ECI1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305241	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ECI1; Polyclonal Antibody; ECI1 Antibody; DCI; DodecenoylCoAisomerase; D3; D2enoylCoAisomerase; anti-ECI1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ECI1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	285
Applicable Applications for anti-ECI1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ECI1.
Target Name	ECI1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using ECI1 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human thyroid cancer using ECI1 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach cancer using ECI1 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ECI1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ECI1 antibody	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.
Product Categories/Family for anti-ECI1 antibody	Total protein Ab

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	30,896 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
UniProt Entry Name	ECI1_HUMAN

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/eci1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305241>