

Rabbit ECI1 Polyclonal Antibody | anti-ECI1 antibody

ECI1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168262	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

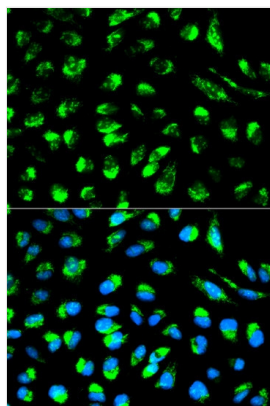
PRODUCT SYNONYMS

ECI1; Polyclonal Antibody; ECI1 Antibody; DCI; Dodecenoyl CoA isomerase; D3; D2 enoyl CoA isomerase; anti-ECI1 antibody

PRODUCT SPECIFICATIONS

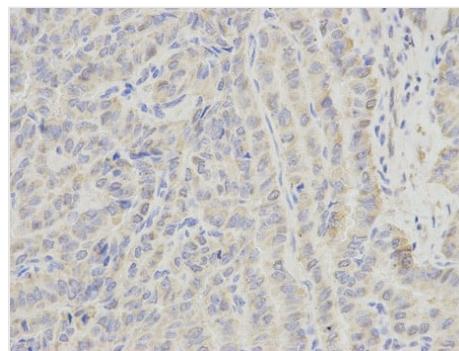
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	302
Applicable Applications for anti-ECI1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ECI1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



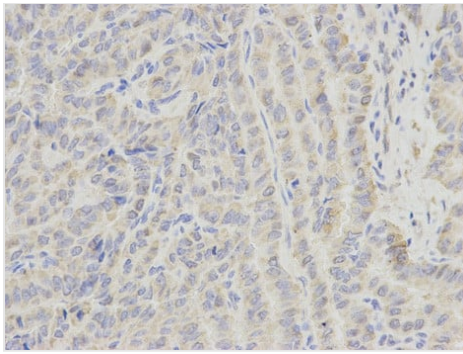
IF (Immunofluorescence)

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



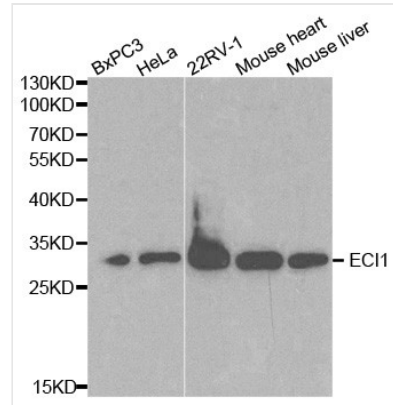
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

Immunohistochemistry 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1169204
NCBI GeneID	1632
Molecular Weight	30,896 Da
NCBI Official Full Name	Enoyl-CoA delta isomerase 1, mitochondrial
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; 3,2 trans-enoyl-CoA isomerase; 3,2 trans-enoyl-Coenzyme A isomerase; 3,2-trans-enoyl-CoA isomerase, mitochondrial; D3,D2-enoyl-CoA isomerase; acetylene-allene isomerase; delta(3),Delta(2)-enoyl-CoA isomerase; delta3, delta2-enoyl-CoA isomerase; dodecenoyl-CoA delta isomerase (3,2 trans-enoyl-CoA isomerase); dodecenoyl-CoA isomerase; dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase)
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/168262>