

Rabbit anti-Human, Mouse PECl Polyclonal Antibody | anti-PECl antibody

PECl Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324938	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

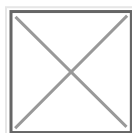
PRODUCT SYNONYMS

PECl; Polyclonal Antibody; PECl Antibody; 2-trans-enoyl-CoA isomerase; ACBD2; acyl Coenzyme A binding domain containing 2; D2-enoyl-CoA isomerase; D3; D3 D2 enoyl CoA isomerase; DBI related protein 1; DBI-related protein 1; delta(2)-enoyl-CoA isomerase; Delta(3); Delta(3) delta(2) enoyl CoA isomerase; Diazepam-binding inhibitor-related protein 1; Dodecenoyl CoA isomerase; Dodecenoyl-CoA isomerase; DRS 1; DRS-1; DRS1; Eci2; ECI2_HUMAN; Enoyl-CoA delta isomerase 2; HCA88; Hepatocellular carcinoma associated antigen 88; Hepatocellular carcinoma-associated antigen 88; mitochondrial; pECI; Peroxisomal 3; Peroxisomal D3 D2 enoyl CoA isomerase; Renal carcinoma antigen NY REN 1; Renal carcinoma antigen NY-REN-1; anti-PECl antibody

PRODUCT SPECIFICATIONS

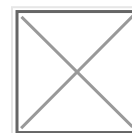
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PECl antibody detects endogenous levels of total PECl
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-PECl antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion and Peroxisome Matrix.
Tissue Specificity	Abundant in heart, skeletal muscle and liver. Expressed in CD34+ T-cells and CD34+ bone marrow cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324938 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA324938 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from 293 cells, using PECl antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PECl antibody

Function: Able to isomerize both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species. Has a preference for 3-trans substrates (By similarity).
Similarity: In the C-terminal section; belongs to the enoyl-CoA hydratase/isomerase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260275230
NCBI GeneID	10455
NCBI Accession #	NP_001159482.1
NCBI GenBank Nucleotide #	NM_001166010.1
UniProt Accession #	O75521; Q5JYK5; Q5JYK7; Q7L124; Q8N0X0; Q9BUE9; Q9H0T9; Q9NQH1; Q9NYH7; Q9UN55
Molecular Weight	Observed: 40 kD Predicted: 44 kDa
NCBI Official Full Name	enoyl-CoA delta isomerase 2, mitochondrial isoform 1
NCBI Official Synonym Full Names	enoyl-CoA delta isomerase 2
NCBI Official Symbol	ECI2
NCBI Official Synonym Symbols	DRS1; PECl; ACBD2; DRS-1; HCA88; dJ1013A10.3
NCBI Protein Information	enoyl-CoA delta isomerase 2, mitochondrial
UniProt Protein Name	Enoyl-CoA delta isomerase 2, mitochondrial
UniProt Gene Name	ECI2
UniProt Synonym Gene Names	DRS1; HCA88; PECl; D3,D2-enoyl-CoA isomerase; DBI-related protein 1; pECI

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/peci-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324938>