

Rabbit anti-Human Peci Polyclonal Antibody | anti-ECI2 antibody

Peci Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285362	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

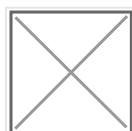
PRODUCT SYNONYMS

PECI; Polyclonal Antibody; Peci Antibody (C-term); Enoyl-CoA delta isomerase 2; mitochondrial; DRS-1; Delta(3); delta(2)-enoyl-CoA isomerase; D3; D2-enoyl-CoA isomerase; Diazepam-binding inhibitor-related protein 1; DBI-related protein 1; Dodecenoyl-CoA isomerase; Hepatocellular carcinoma-associated antigen 88; Peroxisomal 3; 2-trans-enoyl-CoA isomerase; pECI; Renal carcinoma antigen NY-REN-1; ECI2; DRS1; HCA88; anti-ECI2 antibody

PRODUCT SPECIFICATIONS

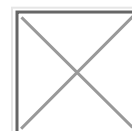
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Peci antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 331-358 amino acids from the C-terminal region of human Peci.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	331-358
Sequence Length	359
Applicable Applications for anti-ECI2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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 Peci (arrow) using rabbit polyclonal Peci Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Peci gene.



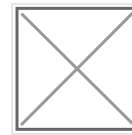
FCM/FACS (Flow Cytometry)

PECI Antibody (C-term) flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human skeletal muscle reacted with PECI Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of PECI Antibody (C-term) in HepG2 cell line lysates (35ug/lane). PECI (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ECI2 antibody	PECI is an auxiliary enzyme that catalyzes an isomerization step required for the beta-oxidation of unsaturated fatty acids.
Product Categories/Family for anti-ECI2 antibody	Cardiovascular ; Metabolism ; Signal transduction
References	Scanlan,M.J., et.al., Int. J. Cancer 83 (4), 456-464 (1999) Suk,K., et.al., Biochim. Biophys. Acta 1454 (1), 126-131 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	260275230
NCBI GeneID	10455
NCBI Accession #	NP_001159482.1; NP_006108.2; NP_996667.2
NCBI GenBank Nucleotide #	NM_001166010.1
UniProt Accession #	O75521; Q5JYK5; Q5JYK7; Q7L124; Q8N0X0; Q9BUE9; Q9H0T9; Q9NQH1; Q9NYH7; Q9UN55
Molecular Weight	43585
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; PECI; 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; PECI; D3,D2-enoyl-CoA isomerase; DBI-related protein 1; pECI
UniProt Entry Name	ECI2_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/peci-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285362>