

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

Anti-PECl Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104368	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PECl; Polyclonal Antibody; Anti-PECl Antibody; DRS1; HCA88; 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; anti-ECI2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PECl protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	364
Applicable Applications for anti-ECI2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PECl. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of PECl staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PECl expression in Jurkat (A), Raji (B), A431 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ECI2 antibody	Rabbit polyclonal antibody to PECl
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260275230
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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	39,609 Da
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; DBI-related protein 1; dodecenoyl-CoA isomerase; D3,D2-enoyl-CoA isomerase; renal carcinoma antigen NY-REN-1; delta(3),delta(2)-enoyl-CoA isomerase; peroxisomal D3,D2-enoyl-CoA isomerase; peroxisomal 3,2-trans-enoyl-CoA isomerase; acyl-Coenzyme A binding domain containing 2; diazepam-binding inhibitor-related protein 1; hepatocellular carcinoma-associated antigen 88
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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