

ECI2 / PECl Antibody (aa73-122)
Rabbit Polyclonal Antibody
Catalog # ALS15508**Specification**

ECI2 / PECl Antibody (aa73-122) - Product Information

Application	WB, IHC-P, E
Primary Accession	O75521
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

ECI2 / PECl Antibody (aa73-122) - Additional Information**Gene ID** 10455**Other Names**

Enoyl-CoA delta isomerase 2, mitochondrial, 5.3.3.8, 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, PECl

Target/Specificity

PECl Antibody detects endogenous levels of total PECl protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

ECI2 / PECl Antibody (aa73-122) is for research use only and not for use in diagnostic or therapeutic procedures.

ECI2 / PECl Antibody (aa73-122) - Protein Information**Name** ECI2**Synonyms** DRS1, HCA88, PECl {ECO:0000303|PubMed:10**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.

Cellular Location

[Isoform 1]: Mitochondrion {ECO:0000250|UniProtKB:Q5XIC0}

Tissue Location

Abundant in heart, skeletal muscle and liver. Expressed in CD34(+) T-cells and CD34(+) bone marrow cells

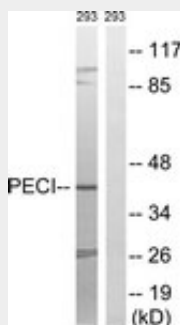
Volume

50 µl

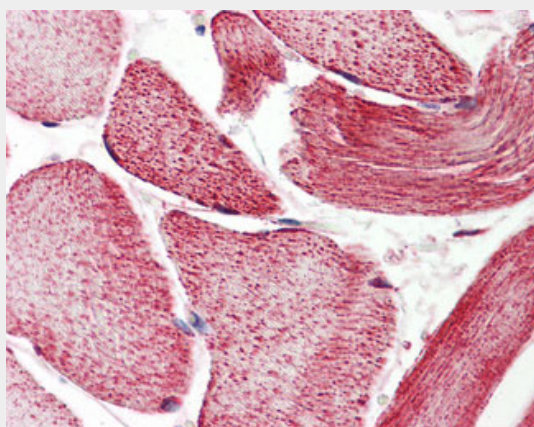
ECI2 / PECI Antibody (aa73-122) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ECI2 / PECI Antibody (aa73-122) - Images

Western blot of extracts from 293 cells, using PECI Antibody.



Anti-ECI2 antibody IHC of human skeletal muscle.

ECI2 / PECI Antibody (aa73-122) - Background

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).

EC12 / Peci Antibody (aa73-122) - References

Suk K.,et al.Biochim. Biophys. Acta 1454:126-131(1999).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Geisbrecht B.V.,et al.J. Biol. Chem. 274:21797-21803(1999).