

## anti-Human Peci Antibody | anti-Peci antibody

Peci Antibody

|                               |                            |                                                                  |
|-------------------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA108977</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------|------------------------------------------------------------------|

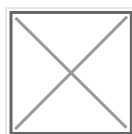
### PRODUCT SYNONYMS

PECI; Peci Antibody; ACBD2; acyl-Coenzyme A binding domain containing 2; D3; D2-enoyl-CoA isomerase; DBI-related protein 1; dodecenoyl-CoA isomerase; DRS-1; DRS1; EC 5.3.3.8; HCA88; hepatocellular carcinoma-associated antigen 88; peroxisomal 3; 2-trans-enoyl-CoA isomerase; anti-Peci antibody

### PRODUCT SPECIFICATIONS

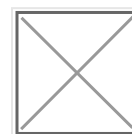
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human                                                                                                          |
| Specificity                                    | PECI antibody detects endogenous levels of total Peci protein.                                                 |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           |
| Form/Format                                    | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Sequence Length                                | 364                                                                                                            |
| Applicable Applications for anti-Peci antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                           |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from internal of human Peci.                    |
| Preparation and Storage                        | Store at -20 degree C for 1 year.                                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Peci antibody. Western blot analysis of extracts from 293 cells, using Peci antibody.



#### Application Data

Peptide+

### ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-Peci antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                       | Suk K., Biochim. Biophys. Acta 1454:126-131(1999). Geisbrecht B.V., J. Biol. Chem. 274:21797-21803(1999). Wang Y., J. Immunol. 169:1102-1109(2002).                                                               |

### 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                 | 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                                     |
| UniProt Protein Name             | Enoyl-CoA delta isomerase 2, mitochondrial                                     |
| UniProt Gene Name                | <b>ECI2</b>                                                                    |
| UniProt Synonym Gene Names       | DRS1; HCA88; PECI; 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/human-antibody/peci/108977>