

## Rabbit anti-Human ACSL4 Polyclonal Antibody | anti-ACSL4 antibody

ACSL4 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA230085</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

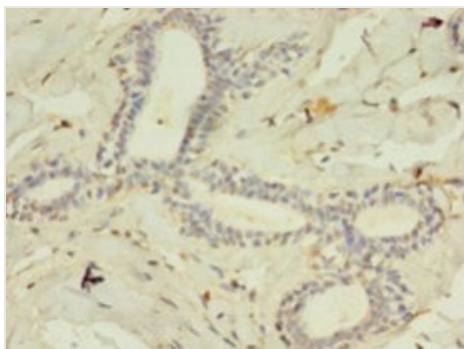
### PRODUCT SYNONYMS

ACSL4; Polyclonal Antibody; ACSL4 Antibody; Long-chain-fatty-acid--CoA ligase 4; Long-chain acyl-CoA synthetase 4; LACS 4; ACS4; FACL4; LACS4; anti-ACSL4 antibody

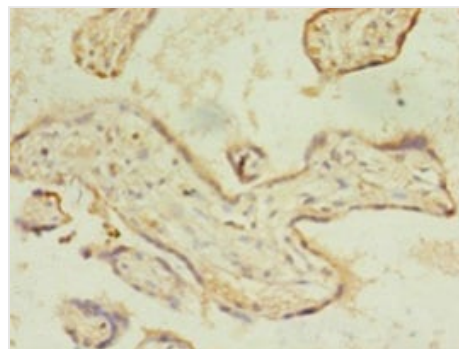
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                              |
| Reactivity                                      | Human                                                                                               |
| Clonality                                       | Polyclonal                                                                                          |
| Isotype                                         | IgG                                                                                                 |
| Purity/Purification                             | Caprylic Acid Ammonium Sulfate Precipitation purified                                               |
| Form/Format                                     | Liquid                                                                                              |
| Sequence Length                                 | 670                                                                                                 |
| Applicable Applications for anti-ACSL4 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                |
| Immunogen                                       | Recombinant human Long-chain-fatty-acid--CoA ligase 4 protein                                       |
| Conjugation                                     | Non-conjugated                                                                                      |
| Storage Buffer                                  | Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                      |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47995 / sc-47997 / sc-47996 |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.            |

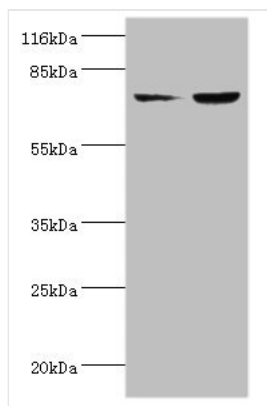
### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human breast cancer tissue using AAA230085 at dilution 1:100



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human placenta tissue using AAA230085 at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: ACSL4 antibody at 2ug/mlLane 1:HepG2 whole cell lysateLane 2:Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 80,75 kDaObserved band size: 79 kDa

## ADDITIONAL INFORMATION

### Related Product Information for anti-ACSL4 antibody

Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Preferentially uses arachidonate and eicosapentaenoate as substrates.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4758332</a>                                                                                                    |
| NCBI GeneID                      | <a href="#">2182</a>                                                                                                       |
| NCBI Accession #                 | <a href="#">NP_004449.1</a>                                                                                                |
| NCBI GenBank Nucleotide #        | <a href="#">NM_004458.2</a>                                                                                                |
| UniProt Accession #              | <a href="#">O60488</a> ; <a href="#">O60848</a> ; <a href="#">O60849</a> ; <a href="#">Q5JWV8</a> ; <a href="#">D3DUY2</a> |
| Molecular Weight                 | 74,436 Da                                                                                                                  |
| NCBI Official Full Name          | long-chain-fatty-acid--CoA ligase 4 isoform 1                                                                              |
| NCBI Official Synonym Full Names | acyl-CoA synthetase long-chain family member 4                                                                             |
| NCBI Official Symbol             | ACSL4                                                                                                                      |
| NCBI Official Synonym Symbols    | ACS4; FACL4; LACS4; MRX63; MRX68                                                                                           |
| NCBI Protein Information         | long-chain-fatty-acid--CoA ligase 4                                                                                        |
| UniProt Protein Name             | Long-chain-fatty-acid--CoA ligase 4                                                                                        |
| UniProt Gene Name                | <b>ACSL4</b>                                                                                                               |
| UniProt Synonym Gene Names       | ACS4; FACL4; LACS4; LACS 4                                                                                                 |
| UniProt Entry Name               | ACSL4_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://www.aaabiotech.com/polyclonal/acsl4-antibody-immunohistochemistry-western-blot-elisa/230085>