

## Rabbit ACSL4 Polyclonal Antibody | anti-ACSL4 antibody

ACSL4 Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA238290</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

ACSL4; Polyclonal Antibody; ACSL4 Antibody; acyl-CoA synthetase long-chain family member 4; anti-ACSL4 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                  |
| Reactivity                                      | Human, Mouse, Rat                                                                       |
| Clonality                                       | Polyclonal                                                                              |
| Isotype                                         | IgG                                                                                     |
| Purity/Purification                             | Antigen Affinity Purification                                                           |
| Form/Format                                     | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-ACSL4 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                       | Fusion protein of human ACSL4                                                           |
| Immunogen Species                               | Human                                                                                   |
| Conjugate                                       | Non-conjugated                                                                          |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane 1-4: Hepg2 cells, hela cells, 293T cells, human fetal kidney tissue, Primary antibody: AAA238290(ACSL4 Antibody) at dilution 1/225, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 15 seconds



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using AAA238290(ACSL4 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)

### ADDITIONAL INFORMATION

|                                                   |                                     |
|---------------------------------------------------|-------------------------------------|
| Product Categories/Family for anti-ACSL4 antibody | <a href="#">Signal Transduction</a> |
|---------------------------------------------------|-------------------------------------|

### 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 #        | NM_004458.2                                                                                                                                                                                                           |
| UniProt Accession #              | O60488; O60848; O60849; Q5JWV8; D3DUY2                                                                                                                                                                                |
| 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; LACS 4; acyl-CoA synthetase 4; lignoceroyl-CoA synthase; long-chain acyl-CoA synthetase 4; long-chain fatty-acid-Coenzyme A ligase 4; fatty-acid-Coenzyme A ligase, long-chain 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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