# ACSL6 rabbit monoclonal antibody

Catalog # H00023305-K Size 100 ug x up to 3

## Specification

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| **Product Description** | Rabbit monoclonal antibody raised against a human ACSL6 peptide using ARM Technology. |
| **Immunogen** | A synthetic peptide of human ACSL6 is used for rabbit immunization.<br>Customer or Abnova will decide on the preferred peptide sequence. |
| **Host** | Rabbit |
| **Library Construction** | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| **Expression** | Overexpression vector and transfection into 293H cell line. |
| **Reactivity** | Human |
| **Purification** | Protein A |
| **Isotype** | IgG |
| **Quality Control Testing** | Antibody reactive against human ACSL6 peptide by ELISA and mammalian transfected lysate by W estern Blot. |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| **Deliverable** | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| **Note** | 1. Customer may provide cell or tissue lysate for antibody screening.<br>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request. |

## Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

## Gene Info — ACSL6

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| **Entrez GeneID** | 23305 |
| **GeneBank Accession#** | ACSL6 |
| **Gene Name** | ACSL6 |
| **Gene Alias** | ACS2, FACL6, FLJ16173, KIAA0837, LACS2, LACS5 |
| **Gene Description** | acyl-CoA synthetase long-chain family member 6 |
| **Omim ID** | 604443 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | Long-chain acyl-CoA synthetases (EC 6.2.1.3), such as ACSL6, catalyze the formation of acyl-CoA from fatty acids, ATP, and CoA (Malhotra et al., 1999 [PubMed 10548543]).[supplied by OMIM |
| **Other Designations** | fatty-acid-Coenzyme A ligase, long-chain 6\|long fatty acyl-CoA synthetase 2\|long-chain acyl-CoA synthetase 6 |

## Pathway

- Adipocytokine signaling pathway
- Fatty acid metabolism
- Metabolic pathways
- PPAR signaling pathway

## Disease

- Genetic Predisposition to Disease
- Ovarian Failure
- Prostatic Neoplasms
- Schizophrenia

- Tobacco Use Disorder