

ACSL3 Polyclonal Antibody

Description

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| Product type | Primary Antibody |
| Code | BT-AP14113 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 100ul, 50ul, 20ul |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 40-120 |
| Mol wt | N/A |
| Species reactivity | Human, Rat, Mouse |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | Long-chain-fatty-acid--CoA ligase 3 |
| Synonyms | Long-chain-fatty-acid--CoA ligase 3 ;EC 6.2.1.3;Long-chain acyl-CoA synthetase 3;LACS 3 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity| subcellular localization| and tissue distribution| all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters| and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme is highly expressed in brain| and preferentially utilizes myristate| arachidonate| and eicosapentaenoate as substrates. The amino acid sequence of this isozyme is 92% identical to that of rat homolog. Two transcript variants encoding the same protein have been found for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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