

## ACSL3 Polyclonal Antibody

Cat No: HR1AP10885

For research use only

### Overview

|                       |  |
|-----------------------|--|
| Product Name          | ACSL3 Polyclonal Antibody  |
| Source                | Rabbit   |
| Applications          | WB,ELISA   |
| Species Reactivity    | Human,Rat,Mouse  |
| Recommended Dilutions |  |
| Immunogen             |  |
| Species               | Rabbit   |
| Storage               | -20°C/1 year   |
| Isotype               |  |
| Clonality             |  |
| Concentration         | 1 mg/ml  |
| Observed band         | 79kDa  |
| GeneID?Human?         | ACSL3 ACS3 FACL3 LACS3   |
| Human Swiss-Prot No.  |  |
| Cellular localization |  |
| Alternative Names     |  |
| Background            | <p>acyl-CoA synthetase long-chain family member 3(ACSL3) Homo sapiens 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. [provided by RefSeq, Jul 2008],</p> |