

Anti-ACSL3(long-chain fatty-acid-Coenzyme A ligase 3) Polyclonal Antibody

Cat. #: 60B180

Description:

The FAACL3(long-chain fatty-acid-Coenzyme A ligase 3) 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.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human FAACL3(long-chain fatty-acid-Coenzyme A ligase 3)

References

- Minekura,H., et al, Gene 278 (1-2), 185-192 (2001)
- Minekura,H., et al, Genomics 42 (1), 180-181 (1997)
- Fujino,T., et al, J. Biol. Chem. 271 (28), 16748-16752 (1996)
- Rose,C.S., et al, Hum. Mol. Genet. 3 (8), 1405-1408 (1994)
- Brueton,L.A., et al, J. Med. Genet. 29 (10), 681-685 (1992)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)