

PACO42430

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## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, IHC:1:20-1:200

**Protein Background:**

Acyl-CoA synthetases (ACSL) activate long-chain fatty acid, for both synthesis of cellular lipids, and degradation via beta-oxidation. ACSL5 may activate fatty acid, from exogenous sources for the synthesis of triacylglycerol destined for intracellular storage. Utilizes a wide range of saturated fatty acid, with a preference for C16-C18 unsaturated fatty acid, . It was suggested that it may also stimulate fatty acid, oxidation. At the villus tip of the crypt-villus axis of the small intestine may sensitize epithelial cells to apoptosis specifically triggered by the death ligand TRAIL. May have a role in the survival of glioma cells.

**Gene ID:**

ACSL5

**Uniprot**

Q9ULC5

**Synonyms:**

Long-chain-fatty-acid, -CoA ligase 5 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 5) (LACS 5), ACSL5, ACS5, FACL5

**Immunogen:**

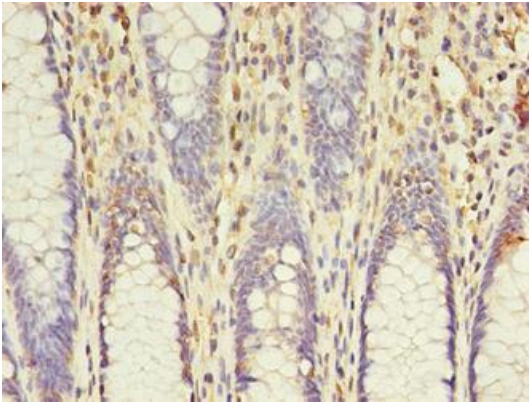
Recombinant Human Long-chain-fatty-acid, -CoA ligase 5 protein (33-683AA).

**Storage:**

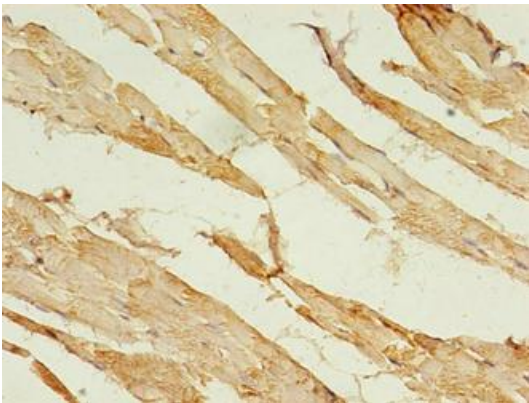
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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Immunohistochemistry of paraffin-embedded human colon cancer using PACO42430 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using PACO42430 at dilution of 1:100.