

**FACL4 Rabbit mAb**  
Catalog # AP76853**Specification****FACL4 Rabbit mAb - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">O60488</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>79188</b>

**FACL4 Rabbit mAb - Additional Information****Gene ID** 2182**Other Names**  
ACSL4**Dilution**  
WB~~1/500-1/1000  
IHC~~1/50-1/100**Format**  
Liquid**FACL4 Rabbit mAb - Protein Information****Name** ACSL4**Synonyms** ACS4, FACL4, LACS4**Function**

Catalyzes the conversion of long-chain fatty acids to their active form acyl-CoA for both synthesis of cellular lipids, and degradation via beta-oxidation (PubMed: [21242590](http://www.uniprot.org/citations/21242590), PubMed: [22633490](http://www.uniprot.org/citations/22633490), PubMed: [24269233](http://www.uniprot.org/citations/24269233)). Preferentially activates arachidonate and eicosapentaenoate as substrates (PubMed: [21242590](http://www.uniprot.org/citations/21242590)). Preferentially activates 8,9-EET > 14,15-EET > 5,6-EET > 11,12-EET. Modulates glucose-stimulated insulin secretion by regulating the levels of unesterified EETs (By similarity). Modulates prostaglandin E2 secretion (PubMed: [21242590](http://www.uniprot.org/citations/21242590)).

**Cellular Location**

Mitochondrion outer membrane; Single-pass type III membrane protein. Peroxisome membrane; Single-pass type III membrane protein. Microsome membrane; Single-pass type III membrane

protein. Endoplasmic reticulum membrane; Single-pass type III membrane protein. Cell membrane

### FACL4 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FACL4 Rabbit mAb - Images

