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## anti-Acsl3 antibody (N-Term)





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Target:

Alternative Name:

Quantity:	400 μL			
Target:	Acsl3			
Binding Specificity:	AA 1-30, N-Term			
Reactivity:	Human			
Host:	Rabbit			
Clonality:	Polyclonal			
Conjugate:	This Acsl3 antibody is un-conjugated			
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))			
Product Details				
Product Details Immunogen:	This ACSL3 (FACL3) antibody is generated from rabbits immunized with a KLH conjugated			
	This ACSL3 (FACL3) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ACSL3			
	synthetic peptide between 1-30 amino acids from the N-terminal region of human ACSL3			
Immunogen:	synthetic peptide between 1-30 amino acids from the N-terminal region of human ACSL3 (FACL3).			
Immunogen:  Clone:	synthetic peptide between 1-30 amino acids from the N-terminal region of human ACSL3 (FACL3).  RB04693-04694			
Immunogen:  Clone: Isotype:	synthetic peptide between 1-30 amino acids from the N-terminal region of human ACSL3 (FACL3).  RB04693-04694  Ig Fraction			
Immunogen:  Clone: Isotype:	synthetic peptide between 1-30 amino acids from the N-terminal region of human ACSL3 (FACL3).  RB04693-04694  Ig Fraction  This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by			

Acsl3

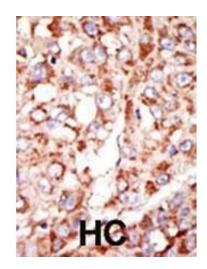
ACSL3 (FACL3) (Acsl3 Products)

## **Target Details**

Expiry Date:

6 months

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Background:	An initial reaction in fatty acid metabolism in eukaryotic cells is activation of fatty acids catalyzed by acyl-CoA synthetase. FACL3 (fatty acid CoA ligase, long-chain 3) is identified as member of the acyl-CoA synthetase (ACS) family by PCR of rat brain cDNAs using primers based on the conserved region of the ACS protein. The 720-amino acid rat protein preferentially utilizes myristate, laurate, arachidonate, and eicosapentaenoate, and is expressed primarily in brain. The predicted 720-amino acid FACL3 human protein is 92 % identical to that of rat.		
Molecular Weight:	80420		
Gene ID:	2181		
NCBI Accession:	NP_004448, NP_976251		
UniProt:	095573		
Pathways:	SARS-CoV-2 Protein Interactome		
Application Details			
Application Notes:	WB: 1:1000. IHC-P: 1:50~100		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Storage:	4 °C,-20 °C		
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.		



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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

#### **Western Blotting**

**Image 2.** Western blot analysis of anti-FACL3 Antibody (Nterm) (ABIN389110 and ABIN2839300) in 293 cell line lysates (35  $\mu$ g/lane). FACL3 (arrow) was detected using the purified Pab.