



Goat anti-Human FACL4 polyclonal antibody (DPABH-26504)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Preferentially uses arachidonate and eicosapentaenoate as substrates.
Immunogen	Synthetic peptide: C-HYLKDIERYGGK, corresponding to C terminal amino acids 699-711 of Human FACL4
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ACSL4 acyl-CoA synthetase long-chain family member 5 [Homo sapiens]
Official Symbol	ACSL4
Synonyms	ACSL4; acyl-CoA synthetase long-chain family member 4; ACS4; FACL4; LACS4; MRX63; MRX68; long-chain-fatty-acid--CoA ligase 4; LACS 4; acyl-CoA synthetase 4; lignoceroyl-CoA synthase; long-chain acyl-CoA synthetase 4; long-chain fatty-acid-Coenzyme A ligase 4; fatty-acid-Coenzyme A ligase, long-chain 4;
Entrez Gene ID	2182
Protein Refseq	NP_004449.1
UniProt ID	O60488
Pathway	Adipocytokine signaling pathway; Fatty Acid Beta Oxidation; Fatty Acyl-CoA Biosynthesis; Fatty acid degradation
Function	ATP binding; arachidonate-CoA ligase activity; long-chain fatty acid-CoA ligase activity; very long-chain fatty acid-CoA ligase activity