



Anti-ACOT4 (aa 273-416) polyclonal antibody (DPABH-15064)

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

PRODUCT INFORMATION

Antigen Description	Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH (By similarity). Succinyl-CoA thioesterase that also hydrolyzes long chain saturated and unsaturated monocarboxylic acyl-CoAs.
Immunogen	antigen sequence, corresponding to C terminal amino acids 273-416 of Human Acyl-coenzyme A Thioesterase 4.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	ACOT4 acyl-CoA thioesterase 5 [Homo sapiens]
Official Symbol	ACOT4
Synonyms	ACOT4; acyl-CoA thioesterase 4; PTE1B; PTE2B; PTE-lb; acyl-coenzyme A thioesterase 4; PTE-2b; peroxisomal acyl-CoA thioesterase 2B; peroxisomal long-chain acyl-CoA thioesterase lb; peroxisomal acyl coenzyme A thioester hydrolase lb;
Entrez Gene ID	122970
Protein Refseq	NP_689544.3
UniProt ID	Q8N9L9
Pathway	Biosynthesis of unsaturated fatty acids; Fatty acid elongation; oleate biosynthesis II (animals and fungi); palmitate biosynthesis I (animals and fungi)
Function	acyl-CoA hydrolase activity; palmitoyl-CoA hydrolase activity; receptor binding; succinyl-CoA hydrolase activity