



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	antigen sequence, corresponding to C terminal amino acids 273-416 of Human Acyl-coenzyme A Thioesterase 4.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">ACOT4 acyl-CoA thioesterase 5 [ Homo sapiens ]</a>
Official Symbol	ACOT4
Synonyms	ACOT4; acyl-CoA thioesterase 4; PTE1B; PTE2B; PTE-1b; acyl-coenzyme A thioesterase 4; PTE-2b; peroxisomal acyl-CoA thioesterase 2B; peroxisomal long-chain acyl-CoA thioesterase 1b; peroxisomal acyl coenzyme A thioester hydrolase 1b;
Entrez Gene ID	<a href="#">122970</a>
Protein Refseq	<a href="#">NP_689544.3</a>
UniProt ID	<a href="#">Q8N9L9</a>
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