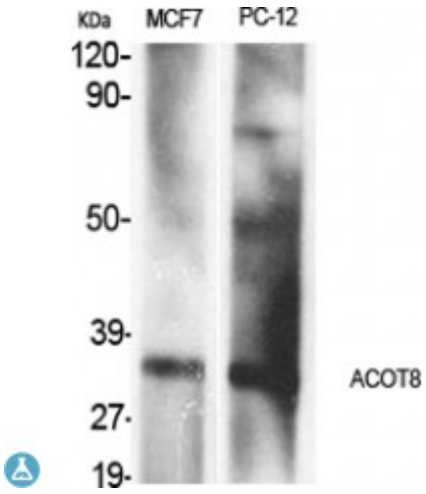
Anti-ACOT8 antibody



Description	Rabbit polyclonal to ACOT8.

Model	STJ91454
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human ACOT8
Immunogen Region	100-180 aa, Internal
Gene ID	10005
Gene Symbol	ACOT8
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000
Specificity	ACOT8 Polyclonal Antibody detects endogenous levels of ACOT8 protein.
Tissue Specificity	Detected in a T-cell line (at protein level). Ubiquitous .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Acyl-coenzyme A thioesterase 8 Acyl-CoA thioesterase 8 Choloyl-coenzyme A thioesterase HIV-Nef-associated acyl-CoA thioesterase PTE-2 Peroxisomal acyl-coenzyme A thioester hydrolase 1 PTE-1 Peroxisomal long-chain
Molecular Weight	36 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:15919OMIM:608123
Alternative Names	Acyl-coenzyme A thioesterase 8 Acyl-CoA thioesterase 8 Choloyl-coenzyme A thioesterase HIV-Nef-associated acyl-CoA thioesterase PTE-2 Peroxisomal acyl-coenzyme A thioester hydrolase 1 PTE-1 Peroxisomal long-chain
Function	Acyl-coenzyme A (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 . Competes with bile acid CoA:amino acid N-acyltransferase (BAAT) for bile acid-CoA substrate (such as chenodeoxycholoyl-CoA). Shows a preference for medium-length fatty acyl-CoAs (C2 to C20) . Inactive towards substrates with more than C20 aliphatic chains . Involved in the metabolic regulation of peroxisome proliferation . (Microbial infection) May mediate Nef-induced down-regulation of CD4 cell-surface expression .
Cellular Localization	Cytoplasm Peroxisome matrix. Predominantly localized in the peroxisome .