

Rabbit anti-Human ACOT8 Polyclonal Antibody | anti-ACOT8 antibody

ACOT8 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA294197	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

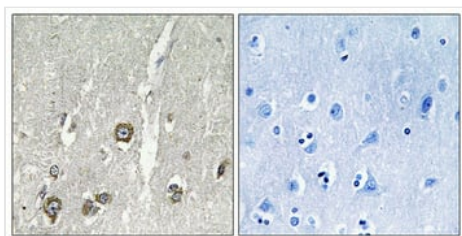
PRODUCT SYNONYMS

ACOT8; Polyclonal Antibody; ACOT8 Polyclonal Antibody; ACTEIII; PTE1; PTE2; 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 Ion; anti-ACOT8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-ACOT8 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

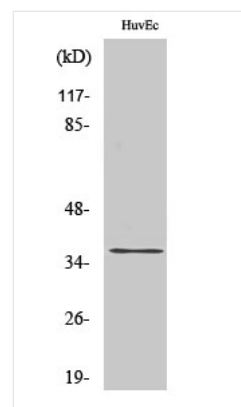
IMAGES



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

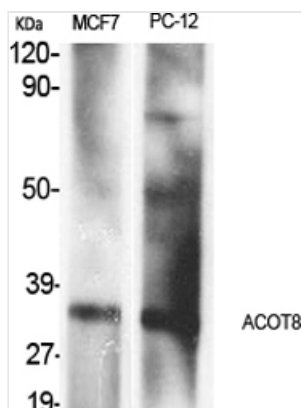
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT8 antibody

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 (PubMed:9153233, PubMed:15194431). 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)(PubMed:9153233). Inactive towards substrates with more than C20 aliphatic chains (PubMed:9153233). Involved in the metabolic regulation of peroxisome proliferation (PubMed:15194431).

NCBI AND UNIPROT INFORMATION

NCBI GI #	34577075
NCBI GeneID	10005
NCBI Accession #	NP_005460.2
NCBI GenBank Nucleotide #	NM_005469.3
UniProt Accession #	O14734; O15261; Q17RX4
Molecular Weight	35,914 Da
NCBI Official Full Name	acyl-coenzyme A thioesterase 8
NCBI Official Synonym Full Names	acyl-CoA thioesterase 8
NCBI Official Symbol	ACOT8
NCBI Official Synonym Symbols	hTE; PTE1; PTE2; PTE-1; PTE-2; HNAACTE; hACTE-III
NCBI Protein Information	acyl-coenzyme A thioesterase 8; thioesterase II; thioesterase III; choloyl-CoA hydrolase; palmitoyl-CoA hydrolase; choloyl-coenzyme A thioesterase; long-chain fatty-acyl-CoA hydrolase; peroxisomal acyl-CoA thioesterase 1; HIV-Nef associated acyl-CoA thioe
UniProt Protein Name	Acyl-coenzyme A thioesterase 8
UniProt Gene Name	ACOT8
UniProt Synonym Gene Names	ACTEIII; PTE1; PTE2; Acyl-CoA thioesterase 8; PTE-1; hACTE-III; hACTEIII; hTE
UniProt Entry Name	ACOT8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

