

Rabbit anti-Human acyl-CoA Thioesterase 2 Polyclonal Antibody | anti-FN3K antibody

acyl-CoA Thioesterase 2 Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG # AAA258612	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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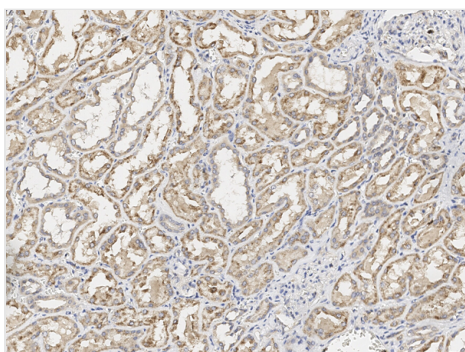
PRODUCT SYNONYMS

acyl-CoA Thioesterase 2; Polyclonal Antibody; acyl-CoA Thioesterase 2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CTE-1A Antibody; Anti-CTE1A Antibody; Anti-MTE1 Antibody; Anti-PTE2 Antibody; Anti-PTE2A Antibody; Anti-ZAP128 Antibody; anti-FN3K antibody

PRODUCT SPECIFICATIONS

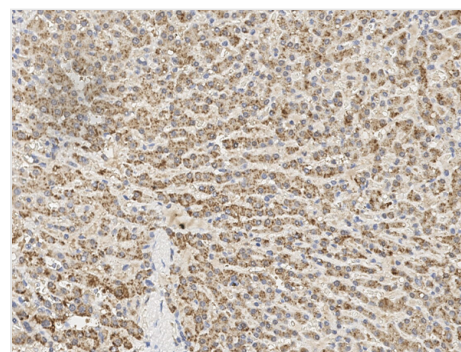
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human acyl-CoA Thioesterase 2
Applicable Applications for anti-FN3K antibody	IHC (Immunohistochemistry)
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human acyl-CoA Thioesterase 2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human acyl-CoA Thioesterase 2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human acyl-CoA Thioesterase 2 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-FN3K antibody

Acyl-CoA thioesterases (ACOTs) catalyze the hydrolysis of CoA esters to free CoA and carboxylic acids and have important functions in lipid metabolism and other cellular processes. It's reported that the crystal structure at 2.1Å resolution of human mitochondrial ACOT2, a type I enzyme. The structure contains two domains, N and C domains. The C domain has the alpha/beta hydrolase fold, with the catalytic triad Ser294-His422-Asp388. The N domain contains a seven-stranded beta-sandwich, which has some distant structural homologs in other proteins. The active site is located in a large pocket at the interface between the two domains. The structural information has significant relevance for other type I ACOTs and related enzymes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148727286
NCBI GeneID	10965
NCBI Accession #	NP_006812.3
NCBI GenBank Nucleotide #	NM_006821.5
UniProt Accession #	P49753; Q3I5F8; Q53EK4; Q9NUX4
Molecular Weight	53,218 Da
NCBI Official Full Name	acyl-coenzyme A thioesterase 2, mitochondrial
NCBI Official Synonym Full Names	acyl-CoA thioesterase 2
NCBI Official Symbol	ACOT2
NCBI Official Synonym Symbols	MTE1; PTE2; CTE1A; PTE2A; CTE-IA; ZAP128
NCBI Protein Information	acyl-coenzyme A thioesterase 2, mitochondrial; long-chain acyl-CoA thioesterase 2; mitochondrial acyl-CoA thioesterase 1; acyl-coenzyme A thioester hydrolase 2a; peroxisomal long-chain acyl-coA thioesterase 2
UniProt Protein Name	Acyl-coenzyme A thioesterase 2, mitochondrial
UniProt Gene Name	ACOT2
UniProt Synonym Gene Names	PTE2; PTE2A; Acyl-CoA thioesterase 2
UniProt Entry Name	ACOT2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acyl-coa-thioesterase-2-antibody-immunohistochemistry-elisa/258612>