

Rabbit ACOT2 Polyclonal Antibody | anti-ACOT2 antibody

ACOT2 Polyclonal Antibody

CATALOG # AAA166309	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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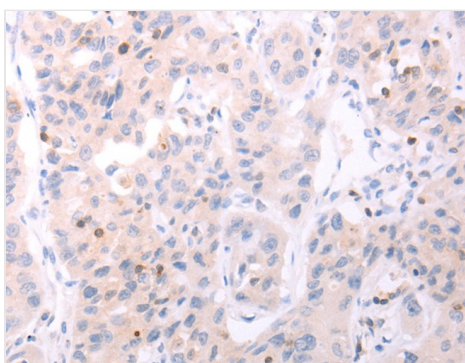
PRODUCT SYNONYMS

ACOT2; Polyclonal Antibody; ACOT2 Polyclonal Antibody; MTE1; PTE2; CTE1A; PTE2A; CTE-IA; ZAP128; anti-ACOT2 antibody

PRODUCT SPECIFICATIONS

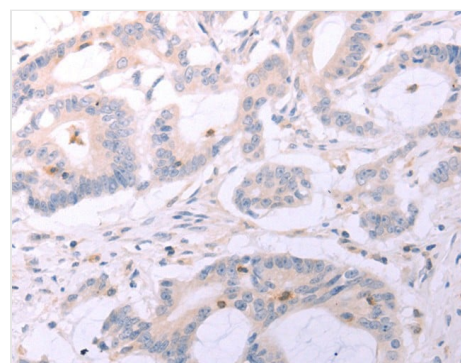
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.9mg/mL (varies by lot)
Sequence Length	483
Applicable Applications for anti-ACOT2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human ACOT2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



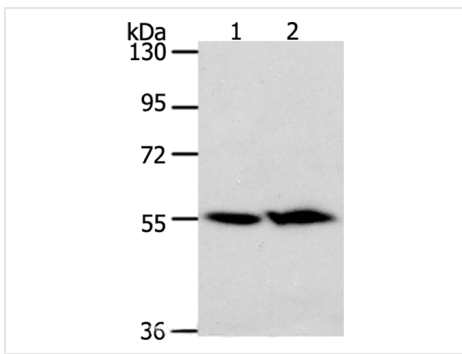
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using ACOT2 Polyclonal Antibody at dilution of 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using ACOT2 Polyclonal Antibody at dilution of 1:25



WB (Western Blot)

Western Blot analysis of Mouse kidney and liver tissue using ACOT2 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT2 antibody

This gene encodes a member of the acyl-CoA thioesterase protein family, and is one of four acyl-CoA hydrolase genes located in a cluster on chromosome 14. Alternative splicing results in multiple transcript variants. Acyl-CoA thioesterases, such as ACOT2, are a group of enzymes that hydrolyze Coenzyme A (CoA) esters, such as acyl-CoAs, bile CoAs, and CoA esters of prostaglandins, to the corresponding free acid and CoA. ACOT2 shows high acyl-CoA thioesterase activity on medium- and long-chain acyl-CoAs, with an optimal pH of 8. 5. It is most active on myristoyl-CoA but also shows high activity on palmitoyl-CoA, stearoyl-CoA, and arachidoyl-CoA.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148727286
NCBI GeneID	10965
NCBI Accession #	NP_006812.3
NCBI GenBank Nucleotide #	NM_006821.5
Molecular Weight	32,959 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; acyl-coenzyme A thioester hydrolase 2a; long-chain acyl-CoA thioesterase 2; mitochondrial acyl-CoA thioesterase 1; 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/acot2-antibody-immunohistochemistry-western-blot-elisa/166309>