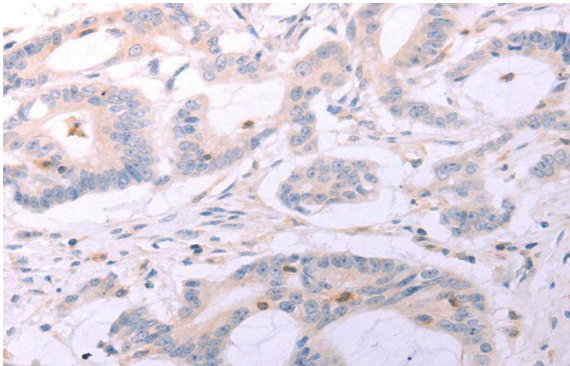


Anti-ACOT2 Antibody

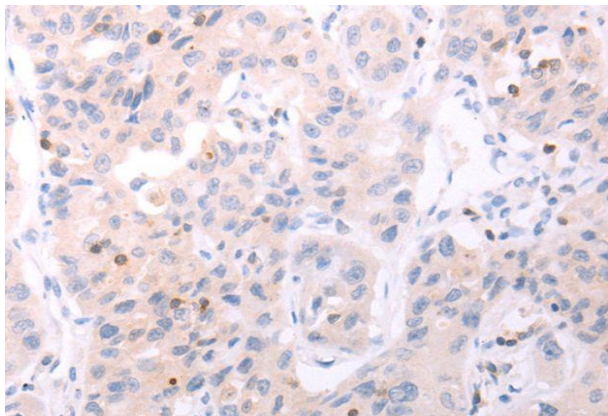
CATALOG NO.: A1742-100 100 µl

BACKGROUND DESCRIPTION: 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.

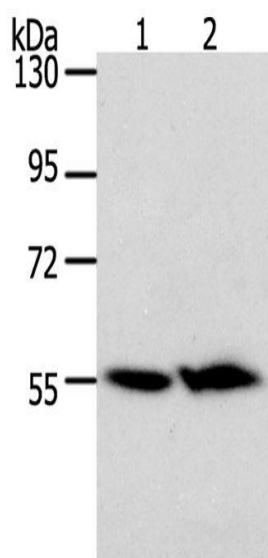
ALTERNATE NAMES:	AA571646, ACOT2, Acyl CoA thioesterase 2, Acyl coenzyme A thioester hydrolase 2a, Acyl coenzyme A thioesterase 2, mitochondrial, CTE 1a, CTE1A, Long chain acyl CoA thioesterase 2, Mitochondrial acyl CoA thioesterase 1, Mitochondrial acyl CoA thioesterase 2, MTE1, Peroxisomal long chain acyl coA, PTE2, PTE2A, ZAP128.
ANTIBODY TYPE:	Polyclonal
CONCENTRATION:	0.3 mg/ml
HOST/ISOTYPE:	Rabbit / IgG.
IMMUNOGEN:	Recombinant protein of human ACOT2.
MOLECULAR WEIGHT:	53kDa.
PURIFICATION:	Affinity purification.
FORM:	Liquid.
FORMULATION:	PBS with 0.05% sodium azide, 50% glycerol, PH7.3
SPECIES REACTIVITY:	Mouse. Human.
STORAGE CONDITIONS:	Store at -20°C; For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
APPLICATIONS AND USAGE:	WB 1:200-1:1000, IHC 1:15-1:50.



: IHC staining of paraffin-embedded Human colon cancer using Anti-ACOT2 Antibody.



: IHC staining of paraffin-embedded Human lung cancer using Anti-ACOT2 Antibody.



: Western Blot analysis of Mouse kidney and liver tissue using Anti-ACOT2 Antibody.

RELATED PRODUCTS:

- ACAT2 (Human) ELISA Kit (E4367).
- ACC2 Inhibitor (1717).
- ACAT-2, human recombinant (4910).

FOR RESEARCH USE ONLY! Not to be used on humans.