

ACOT2 rabbit pAb

Cat No.:ES4574

For research use only

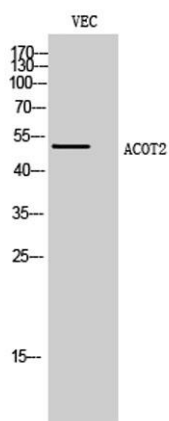
Overview

Product Name	ACOT2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	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.
Immunogen	The antiserum was produced against synthesized peptide derived from human ACOT2. AA range:171-220
Specificity	ACOT2 Polyclonal Antibody detects endogenous levels of ACOT2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Acyl-coenzyme A thioesterase 2 mitochondrial
Gene Name	ACOT2
Cellular localization	Mitochondrion .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	53kD
Human Gene ID	10965
Human Swiss-Prot Number	P49753
Alternative Names	ACOT2; PTE2; PTE2A; Acyl-coenzyme A thioesterase 2; mitochondrial; Acyl-CoA thioesterase 2; Acyl-coenzyme A thioester hydrolase 2a; CTE-1a; Long-chain acyl-CoA thioesterase 2; ZAP128
Background	This gene encodes a member of the acyl-CoA thioesterase protein family, and is one of four

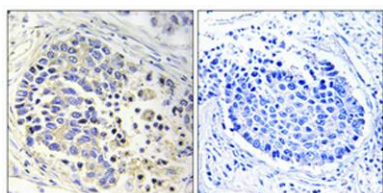


acyl-CoA hydrolase genes located in a cluster on chromosome 14. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012],

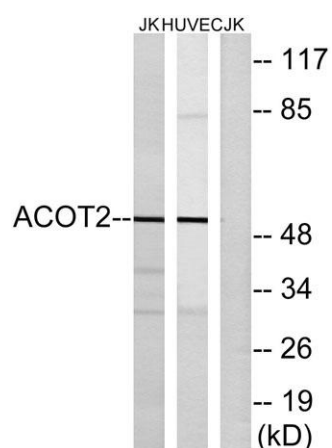
Western Blot analysis of VEC cells using ACOT2 Polyclonal Antibody diluted at 1:500



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

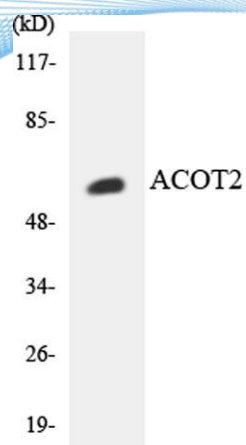


Western blot analysis of lysates from Jurkat and HUVEC cells, using ACOT2 Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from HepG2 cells using ACOT2 antibody.



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