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ACOT9 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14576

Specification

ACOT9 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q9Y305
Other Accession	NM_001037171, NP_001032248
Reactivity	**Human, Rabbit**
Predicted	**Human, Rabbit**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**51kDa KDa**

ACOT9 antibody - N-terminal region - Additional Information

Gene ID 23597

Alias Symbol **ACATE2, CGI-16, MT-ACT48, MTACT48**

Other Names
Acyl-coenzyme A thioesterase 9, mitochondrial, Acyl-CoA thioesterase 9, 3.1.2.-, Acyl-CoA thioester hydrolase 9, ACOT9

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-ACOT9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
ACOT9 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ACOT9 antibody - N-terminal region - Protein Information

Name ACOT9

Function
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. Active on long chain acyl-CoAs.

Cellular Location
Mitochondrion.

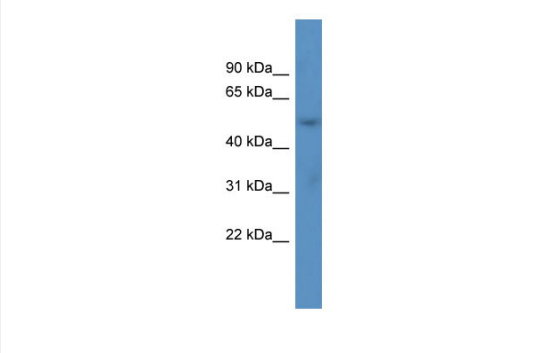
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ACOT9 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ACOT9 antibody - N-terminal region - Images



WB Suggested Anti-ACOT9 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Lung

ACOT9 antibody - N-terminal region - References

Lai C.-H.,et al.Genome Res. 10:703-713(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Ross M.T.,et al.Nature 434:325-337(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.