

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

**Specification**

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**ACOT9 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O9Y305</a>
Other Accession	<a href="#">NM_001037171</a> , <a href="#">NP_001032248</a>
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**

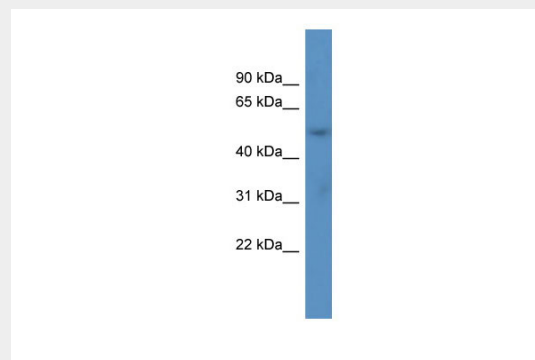
Mitochondrion.

## 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 Cytometry](#)
- [Cell Culture](#)

## ACOT9 antibody - N-terminal region - Images



WB Suggested Anti-ACOT9 Antibody Titration: 1.0  $\mu$ g/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.