

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

ACOT9 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9Y305
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

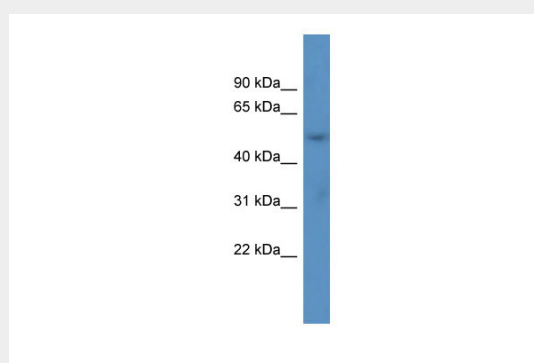
Mitochondrion.

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 μ 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.