



## ACOT1 Polyclonal Antibody

| Catalog No         | BYab-02468  |
|--------------------|---|
| Isotype            | lgG   |
| Reactivity         | Human;Rat;Mouse;  |
| Applications       | WB;IHC;IF;ELISA   |
| Gene Name          | ACOT1   |
| Protein Name       | Acyl-coenzyme A thioesterase 1  |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human ACOT1. AA range:91-140  |
| Specificity        | ACOT1 Polyclonal Antibody detects endogenous levels of ACOT1 protein.   |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Source             | Polyclonal, Rabbit,IgG  |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| Dilution           | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.<br>Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.   |
| Concentration      | 1 mg/ml   |
| Purity             | ≥90%  |
| Storage Stability  | -20°C/1 year  |
| Synonyms           | ACOT1; CTE1; Acyl-coenzyme A thioesterase 1; Acyl-CoA thioesterase 1; CTE-I;<br>CTE-Ib; Inducible cytosolic acyl-coenzyme A thioester hydrolase; Long chain<br>acyl-CoA thioester hydrolase; Long chain acyl-CoA hydrolase  |
| Observed Band      | 46kD  |
| Cell Pathway       | Cytoplasm, cytosol .  |
| Tissue Specificity | Neuroblastoma,  |
| Function           | catalytic activity:Palmitoyl-CoA + H(2)O = CoA + palmitate.,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 towards fatty acyl-CoA with chain-lengths of C12-C16.,similarity:Belongs to the C/M/P thioester hydrolase family.,subunit:Monomer., |





| Background                | catalytic activity:Palmitoyl-CoA + H(2)O = CoA + palmitate.,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 towards fatty acyl-CoA with chain-lengths of C12-C16.,similarity:Belongs to the C/M/P thioester hydrolase family.,subunit:Monomer., |
|---------------------------|---|
| matters needing attention | Avoid repeated freezing and thawing!  |
| Usage suggestions         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.   |



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## **Products Images**







