



# ACOT4 Monoclonal Antibody

Catalog No	BYmab-02471
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	ACOT4
Protein Name	Acyl-coenzyme A thioesterase 4
Immunogen	The antiserum was produced against synthesized peptide derived from human ACOT4. AA range:361-410
Specificity	ACOT4 Monoclonal Antibody detects endogenous levels of ACOT4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACOT4; PTE2B; PTEIB; Acyl-coenzyme A thioesterase 4; Acyl-CoA thioesterase 4; PTE-2b; Peroxisomal acyl coenzyme A thioester hydrolase 1b; Peroxisomal long-chain acyl-CoA thioesterase 1b; PTE-1b
Observed Band	48kD
Cell Pathway	Peroxisome .
Tissue Specificity	Strongest expression in liver and kidney and weaker expression in placenta, heart, and muscle.
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.,similarity:Belongs to the C/M/P thioester hydrolase family.,
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

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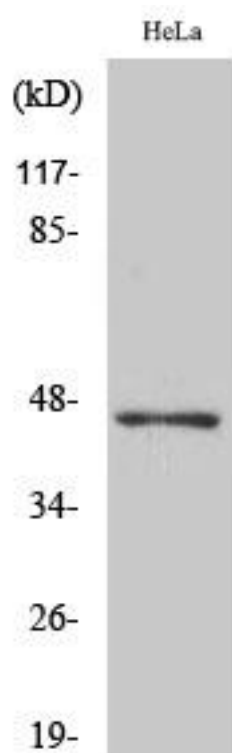
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using ACOT4 Monoclonal Antibody

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