

Anti-ACOT4 Antibody

ER62579



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human
Applications:	WB, IHC-P, IF
Molecular Wt:	48 kDa

Description: catalytic activity: Palmitoyl-CoA + H₂O = CoA + palmitate. 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. Belongs to the C/M/P thioester hydrolase family.

Immunogen: The antiserum was produced against synthesized peptide derived from human ACOT4. AA range: 361-410

Positive control: Cerebellum, Colon, Kidney, Neuroblastoma, Placenta, Urinary bladder,

Database links: SwissProt: Q8N9L9 Human

Recommended Dilutions:

WB	1:500-1:2000
IHC-P	1:100-1:300
IF	1:100-1:500

Storage Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Purity: Immunogen affinity purified.

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Images

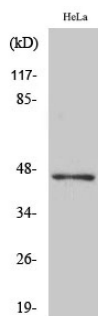


Fig1: Western Blot analysis of HeLa cells using ACOT4 Polyclonal Antibody diluted at 1:1,000.

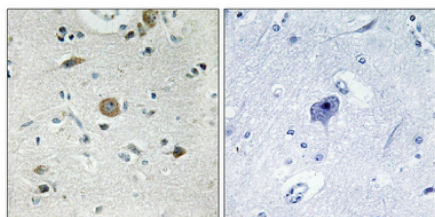


Fig2: Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°, overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".