

Datasheet for ABIN7299724
anti-ACOT4 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	ACOT4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ACOT4.
Specificity:	Recognizes endogenous levels of ACOT4 protein.
Characteristics:	Rabbit polyclonal antibody to ACOT4
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	ACOT4
Alternative Name:	ACOT4 (ACOT4 Products)

Target Details

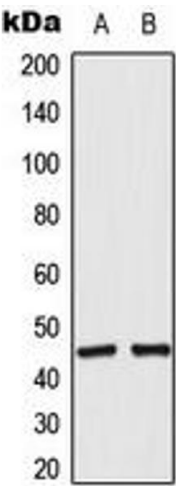
Background:	PTE2B, PTEIB, Acyl-coenzyme A thioesterase 4, Acyl-CoA thioesterase 4, PTE-2b, Peroxisomal acyl coenzyme A thioester hydrolase Ib, Peroxisomal long-chain acyl-CoA thioesterase Ib, PTE-Ib
Gene ID:	122970
UniProt:	Q8N9L9

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

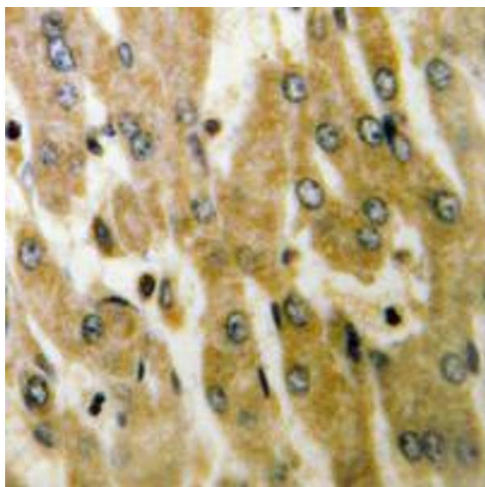
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



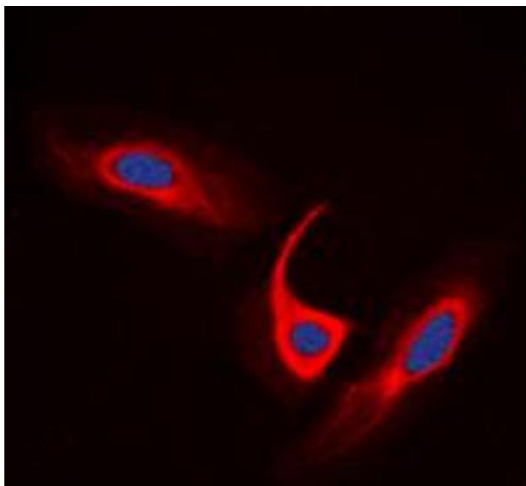
Western Blotting

Image 1. Western blot analysis of ACOT4 expression in RT4 (A), A549 (B) whole cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical analysis of ACOT4 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescence

Image 3. Immunofluorescent analysis of ACOT4 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).