antibodies - online.com







anti-ACOT2 antibody (Center)



Images



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Quantity:	100 μL
Target:	ACOT2
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ACOT2.
Specificity:	Recognizes endogenous levels of ACOT2 protein.
Characteristics:	Rabbit polyclonal antibody to ACOT2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	ACOT2
Alternative Name:	ACOT2 (ACOT2 Products)

Target Details

Background:	PTE2, PTE2A, Acyl-coenzyme A thioesterase 2, mitochondrial, Acyl-CoA thioesterase 2, Acyl-coenzyme A thioester hydrolase 2a, CTE-la, Long-chain acyl-CoA thioesterase 2, ZAP128
Gene ID:	10965
UniProt:	P49753
Pathways:	Monocarboxylic Acid Catabolic Process

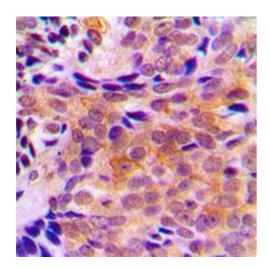
Application Details

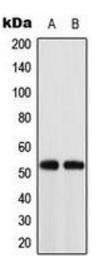
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)	
Restrictions:	For Research Use only	

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







Immunofluorescence

Image 1. Immunofluorescent analysis of ACOT2 staining in K562 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).

Immunohistochemistry

Image 2. Immunohistochemical analysis of ACOT2 staining in human breast 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.

Western Blotting

Image 3. Western blot analysis of ACOT2 expression in K562 (A), HT29 (B) whole cell lysates.