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anti-CPT1B antibody (AA 744-770)

Images



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Overview	
Quantity:	0.4 mL
Target:	CPT1B
Binding Specificity:	AA 744-770
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPT1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	A portion of amino acids 744-770 from the human protein was used as the immunogen for this CPT1B antibody.
Isotype:	Ig Fraction

Target Details

Purification:

- arget Betano	
Target:	CPT1B
Alternative Name:	CPT1B (CPT1B Products)
Background:	The protein encoded by this gene, a member of the carnitine/choline acetyltransferase family, is the rate-controlling enzyme of the long-chain fatty acid beta-oxidation pathway in muscle
	mitochondria. This enzyme is required for the net transport of long-chain fatty acyl-CoAs from

Antigen affinity purified

Target Details

locus that include exons from this gene.
have been found for this gene, and read-through transcripts are expressed from the upstream
the cytoplasm into the mitochondria. Multiple transcript variants encoding different isoforms

UniProt: Q92523

Pathways: AMPK Signaling, Monocarboxylic Acid Catabolic Process

Application Details

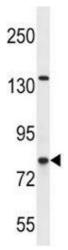
Application Notes:	Titration of the CPT1B antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

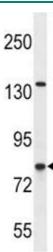
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the CPT1B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. CPT1B antibody western blot analysis in SK-BR-3 lysate



Western Blotting

Image 2. CPT1B antibody western blot analysis in SK-BR-3 lysate