Datasheet for ABIN6740906

anti-CPT1A antibody (AA 684-733)

1 Image

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Overview

Quantity:	100 µL
Target:	CPT1A
Binding Specificity:	AA 684-733
Reactivity:	Human, Mouse, Cow, Pig, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish (Danio rerio), Bat, Chicken, Hamster, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPT1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa684-733 of human CPT1A (P50416, NP_001027017). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Galago, Marmoset, Mouse, Sheep, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Zebra finch, Chicken, Lizard, Trout, Salmon, Zebrafish (100%), Rat, Xenopus, Seabass, Stickleback, Drosophila (92%), Orangutan, Gibbon (86%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human CPT1A
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Sheep, Dog, Horse, Pig, Chicken (100%) Mouse, Rat,

Product Details

	Bovine, Guinea pig, Xenopus (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	CPT1A
Alternative Name:	CPT1 / CPT1A (CPT1A Products)
Background:	Name/Gene ID: CPT1A Synonyms: CPT1A, CPT1, CPT1-L, CPT I, CPTI-L, L-CPT1
Gene ID:	1374
NCBI Accession:	NP_001027017
UniProt:	P50416
Pathways:	AMPK Signaling, Regulation of Lipid Metabolism by PPARalpha, Feeding Behaviour, Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:312500. Not recommended for: IHC-P
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific

Handling

Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

Image 1.

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