

## ARG64914 anti-CPT1C antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes CPT1C
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_689572.1; NP_001129524.1). Reported variants represent identical protein (NP_001186681.1; NP_001186682.1; NP_689572.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CPT1C
Immunogen	C-KSSTKTDSHRLGQH
Conjugation	Un-conjugated
Alternate Names	CPT IC; Carnitine O-palmitoyltransferase 1, brain isoform; Carnitine O-palmitoyltransferase I, brain isoform; CATL1; CPT1P; CPTI-B; Carnitine palmitoyltransferase 1C; CPTIC; SPG73; EC 2.3.1.21; CPT1-B

### Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

**Database links** [GeneID: 126129 Human](#)

[Swiss-port # Q8TCG5 Human](#)

**Background** This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein regulates the beta-oxidation and transport of long-chain fatty acids into mitochondria, and may play a role in the regulation of feeding behavior and whole-body energy homeostasis. Alternatively spliced transcript variants encoding multiple protein isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]

**Research Area** Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody

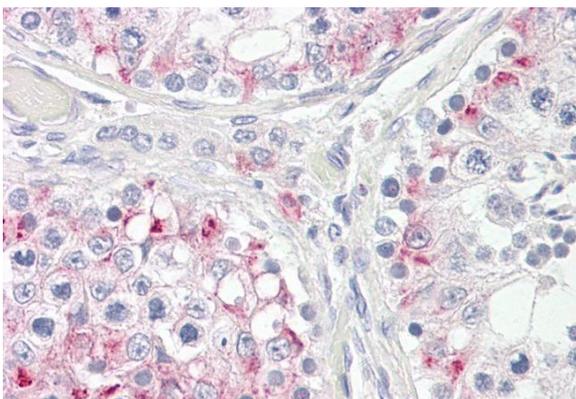
**Calculated Mw** 91 kDa

## Images



ARG64914 anti-CPT1C antibody WB image

Western Blot: Human Frontal Cortex lysate (35 µg protein in RIPA buffer) stained with ARG64914 anti-CPT1C antibody at 1 µg/ml dilution.



ARG64914 anti-CPT1C antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human testis tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64914 anti-CPT1C antibody at 3.75 µg/ml dilution followed by AP-staining.