

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

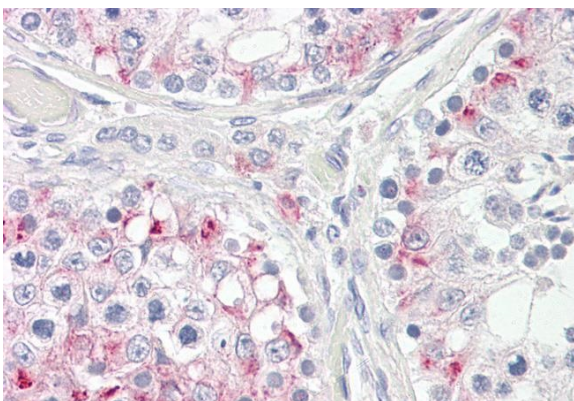
91 kDa

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.