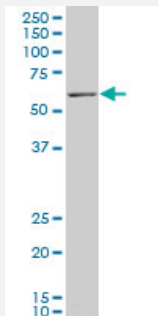


CPT2 polyclonal antibody (A01)

Catalog # H00001376-A01

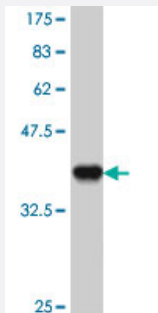
Size 50 uL

Applications



Western Blot (Cell lysate)

CPT2 polyclonal antibody (A01), Lot # TTB0060412QCS1 Western Blot analysis of CPT2 expression in IMR-32 (Cat # L008V1).



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CPT2.
Immunogen	CPT2 (AAH05172, 351 a.a. ~ 450 a.a) partial recombinant protein with GST tag.
Sequence	WFDKSFNLI AKDGSTAVHFEHSWGDGVAVLRFFNEVFKDSTQTPAVTPQSQPATTDSTVTVQKL NFELTDALKTGITAAKEKFDATMKTLTIDCVQFQR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (77)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CPT2 polyclonal antibody (A01), Lot # TTB0060412QCS1 Western Blot analysis of CPT2 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CPT2

Entrez GeneID

[1376](#)

GeneBank Accession#

[BC005172](#)

Protein Accession#

[AAH05172](#)

Gene Name

CPT2

Gene Alias

CPT1, CPTASE

Gene Description

carnitine palmitoyltransferase II

Omim ID

[255110](#) [600649](#) [600650](#) [608836](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a nuclear protein which is transported to the mitochondrial inner membrane. Together with carnitine palmitoyltransferase I, the encoded protein oxidizes long-chain fatty acids in the mitochondria. Defects in this gene are associated with mitochondrial long-chain fatty-acid (LCFA) oxidation disorders. [provided by RefSeq]

Other Designations

OTTHUMP00000010493|carnitine O-palmitoyltransferase

Pathway

- [Fatty acid metabolism](#)
- [PPAR signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Glycogen Storage Disease Type V](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Muscular Diseases](#)