

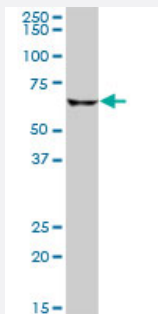
MaxPab®

CPT2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001376-B01P

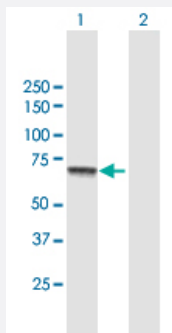
Size 50 ug

Applications



Western Blot (Tissue lysate)

CPT2 MaxPab polyclonal antibody. Western Blot analysis of CPT2 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of CPT2 expression in transfected 293T cell line ([H00001376-T01](#)) by CPT2 MaxPab polyclonal antibody.

Lane 1: CPT2 transfected lysate(72.38 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CPT2 protein.

Immunogen

CPT2 (AAH02445.1, 1 a.a. ~ 658 a.a) full-length human protein.

Sequence	MVPRLLLRWPRGPAVGPAPSRLSAGSGPGQYLQRSIVPTMHYQDSLPRLPKLEDITIRYL SAQKPLLNDGQFRKTEQFCKSFENGIGKELHEQLVALDKQNKHTSYLGPWFDMYLSARDSVVLN FNPFMAFNPDPKSEYNDQLTRATNMTVSAIRFLKTLRAGLLEPEVFHLNPAKSDTITFKRLIRFVPS SLSWYGAYLVNAYPLDMSQYFRLFNSTRLPKPSRDELFTDDKARHLLVLRKGNFYIFDVLDQDGN VSPSEIQAHLKYILSDSSPAPEFPLAYLTSENWDIWAELRQKLMSSGNEESLRKVDSAVFCLCLDD FPIKDLVHLSHNMLHGDGTNRWFDKSFNLIADKGSTAIHFEHSWGDGVAVLRFFNEVFKDSTQTP AVTPQSQPATTDSTVTQKLNFDLTDALKTGITAAKEKFDATMKLTIDCVQFQRRGGKEFLKKQKL SPDAVAQLAFQMAFLRQYGQTVATYESCSTAFAKHGRTEIRPASVYTKRCSEAFVREPSRHS GELQQMMVECSKYHGQLTKEAAMGQGFDRHLFALRHAAAKGIILPELYLDPAYGQINHNVLSTST LSSPAVNLGGFAPVVSDGFGVGYAVHDNWIGCNVSSYPGRNAREFLQCVEKALEDVFDALLEGK SIKS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (83)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

CPT2 MaxPab polyclonal antibody. Western Blot analysis of CPT2 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CPT2 expression in transfected 293T cell line ([H00001376-T01](#)) by CPT2 MaxPab polyclonal antibody.

Lane 1: CPT2 transfected lysate(72.38 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CPT2

Entrez GeneID [1376](#)

GeneBank Accession# [BC002445](#)

Protein Accession#	AAH02445.1
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

Publication Reference

- [Carnitine/acylcarnitine translocase and carnitine palmitoyltransferase 2 form a complex in the inner mitochondrial membrane.](#)

Console L, Giangregorio N, Indiveri C, Tonazzi A.

Molecular and Cellular Biochemistry 2014 Sep; 394(1-2):307.

Application: WB-Ti, Rat, Liver

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](#)