

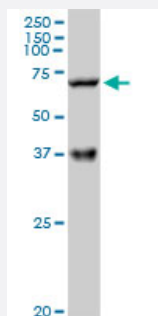
MaxPab®

CPT2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001376-D01P

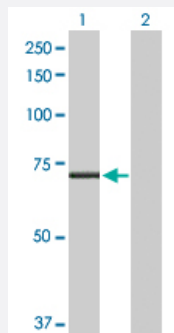
Size 100 ug

Applications



Western Blot (Tissue lysate)

CPT2 MaxPab rabbit polyclonal antibody. Western Blot analysis of CPT2 expression in mouse kidney.



Western Blot (Transfected lysate)

Western Blot analysis of CPT2 expression in transfected 293T cell line ([H00001376-T04](#)) by CPT2 MaxPab polyclonal antibody.

Lane 1: CPT2 transfected lysate(73.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit 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	MVPRLLLRAWPRGPAVGPAGPSRPLSAGSGPGQYLQRSIVPTMHYQDSLPRLPKLEDITIRYL SAQKPLLNDGQFRKTEQFCKSFENGIGKELHEQLVALDKQNKHTSYLGPWFDMYLSARDSVVLN FNPFMAFNPDPKSEYNDQLTRATNMTVSAIRFLKTLRAGLLEPEVFHLNPAKSDTITFKRLIRFVPS SLSWYGAYLVNAYPLDMSQYFRLFNSTRLPKPSRDELFTDDKARHLLVLRKGNFYIFDVLDQDGN VSPSEIQAHKYLSDSSPAPEFPLAYLTSENWDIWAELRQKLMSSGNEESLRKVDSAVFCLCLDD FPIKDLVHLSHNMLHGDGTNRWFDKSFNLIADKGSTAIHFEHSWGDGVAVLRFFNEVFKDSTQTP AVTPQSQPATTDSTVTQKLNFDLTDALKTGITAAKEKFDATMKTLTIDCVQFQRRGGKEFLKKQKL SPDAVAQLAFQMAFLRQYGQTVATYESCSTAFAKHGRTEIRPASVYTKRCSEAFVREPSRHS GELQQMMVECSKYHGQLTKEAAMGQGFDRHLFALRHAAAKGIILPELYLDPAYGQINHNVLSTST LSSPAVNLGGFAPVVSDGFGVGYAVHDNWIGCNVSSYPGRNAREFLQCVEKALEDVFDALLEGK SIKS
Host	Rabbit
Reactivity	Human, Mouse
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 rabbit polyclonal antibody. Western Blot analysis of CPT2 expression in mouse kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CPT2 expression in transfected 293T cell line ([H00001376-T04](#)) by CPT2 MaxPab polyclonal antibody.

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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

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](#)