

DNAxPAb

Hard-to-Find
Antibody

CPT2 DNAxPab

Catalog # H00001376-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CPT2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVPRLLLRWPRGPAVGPAGPSRPLSAGSGPGQYLQRSIVPTMHYQDSLPRLPKLEDITIRYL SAQKPLLNDGQFRKTEQFCKSFENGIGKELHEQLVALDKQNKHTSYLGPWFDMYLSARDSVVLN FNPFFMAFNPDPKSEYNDQLTRATNMTVSAIRFLKTLRAGLLEPEVFHNLNPAKSDTITFKRLIRFVPS SLSWYGAYLVNAYPLDMSQYFRLFNSTRLPKPSRDELFTDDKARHLLVLRKGNFYIFDVLDDQDGN VSPSEIQAHLKYLSDSSPAPEFPLAYLTSENRDWAELRQKLMSSGNEESLRKVDSAVFCLCLDD FPIKDLVHLSHNMHLHGDGTNRWFDKSFNLIKDGSTAIHFEHSWGDGVAVLRFFNEVFKDSTQTP AVTPQSQPATTDSTVTQKLNFEITDALKTGITAACEKFDATMKTLTIDCVQFQGGKEFLKKQKL SPDAVAQLAFQMAFLRQYGQTVATYESCSTAFAKHGRTEITRPASVYTKRCSEAFVREPSRHS GELQQMMVECSKYHGQLTKEAAMGQGFDRLHALRHLAAAKGIILPELYLDPAYGQINHNVLSTST LSSPAVNLGGFAPVVSDGFGVGYAVHDNWIGCNVSSYPGRNAREFLQCVEKALEDVFDALEGK SIKS
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CPT2

Entrez GeneID [1376](#)

GeneBank Accession# [BC002445.2](#)

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](#)