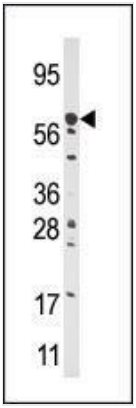
CPT2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CPT2, Polyclonal Antibody
Full Product Name	CPT2, NT (Carnitine O-palmitoyltransferase 2, Mitochondrial, Carnitine Palmitoyltransferase II, CPT II, CPT1) (Azide free) (HRP)
Product Gene Name	anti-CPT2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human CPT2.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	73.777
Immunogen	Synthetic peptide selected form the N-terminal region of human CPT2 (KLH).
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-CPT2 antibody	Antibodies; Enzymes
Applications Tested/Suitable for anti-CPT2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CPT2 antibody	WB: 1:100-1:500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CPT2 antibody	MBS6467189 is an antibody targeting CPT2. Also known as CPT2, NT (Carnitine O-palmitoyltransferase 2, Mitochondrial, Carnitine Palmitoyltransferase II, CPT II, CPT1) (Azide free) (HRP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-CPT2 antibody	1. Deschauer, M., et al., Mol. Genet. Metab. 75(2):181-185 (2002). 2. Haap, M., et al., J. Clin. Endocrinol. Metab. 87(5):2139-2143 (2002). 3. Britton, C.H., et al., Proc. Natl. Acad. Sci. USA 92(6):1984-1988 (1995). 4. Verderio, E., et al., Hum. Mol. Genet. 4(1):19-29 (1995). 5. Montermini, L., et al., Biochim. Biophys. Acta 1219(1):237-240 (1994).
Other Notes	Small volumes of anti-CPT2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CPT2 antibody
Western blot analysis of anti-CPT2 Pab in HepG2 cell line lysate (35ug/lane). CPT2(arrow) was detected using the purified Pab.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CPT2. It may not necessarily be applicable to this product.

Protein Family	Carnitine O-palmitoyltransferase
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