

Product datasheet for **TA346810**

CROT Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CROT antibody: synthetic peptide directed towards the N terminal of human CROT. Synthetic peptide located within the following region: MENQLAKSTEERTFQYQDSLPSLPVPSLEESLKKYLESVKPFANQEEYKK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70 kDa
Gene Name:	carnitine O-octanoyltransferase
Database Link:	NP_066974 Entrez Gene 54677 Human Q9UKG9
Background:	This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein converts 4,8-dimethylnonanoyl-CoA to its corresponding carnitine ester. This transesterification occurs in the peroxisome and is necessary for transport of medium- and long- chain acyl-CoA molecules out of the peroxisome to the cytosol and mitochondria. The protein thus plays a role in lipid metabolism and fatty acid beta-oxidation. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009]



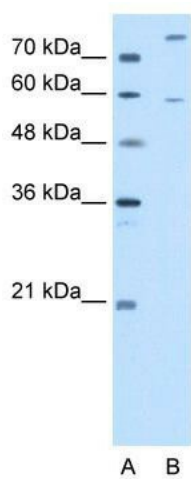
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Synonyms: COT

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Yeast: 90%; Zebrafish: 86%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-CROT Antibody Titration: 2.5 ug/ml; Positive Control: HepG2 cell lysate