

DNAxPAb

Hard-to-Find
Antibody

CROT DNAxPab

Catalog # H00054677-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CROT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MENQLAKSTEERTFYQDSLPSLPVPSLEESLKKYLESVKPFANQEEYKKTEENVQKFQSGIGEKL HQLLLERAKGKRNLWLEEWLNVAYLDVRIPSQLNVNFAGPAAHFEHYWPPKEGTQLERGSITLW HNLNYWQLLRKEKVPVHKVGNTPLDMNQFRMLFSTCKVPGITRDSIMNYFRTESEGRSPNHIVL CRGRAVFDVIHEGCLVTPPELLRQLTYHKKCHSEPDGPGIAALTSEERTRWAKAREYLIGLDPE NLALLEKIQSSLLVYSMEDSSPHVTPEDYSEIIAAILIGDPTVRWGDKSYNLISFSNGVFGCNCDHAP FDAMIMVNISYYVDEKIFQNEGRWKGSEKVRDIPLPEELIFVDEKVLNDINQAKAQYLREASDLQIA AYAFTSFGKKLTKNKMHPDTFIQLALQLAYYRLHGHPGCCYETAMTRHFYHGRTEETMRSCVEAV RWCQSMQDPSVNLRRERQQKMLQAFKHNKMMKDCSAGKGFDRHLLGLLLIAKEEGLPVPELFT DPLFSKSGGGGNFVLSTSLVGYL RVQGVVPMVHNGYGGFFYHIRDDRFFVACSAWKSCPETDA EKLVLQLTFCAFHDMIQLMNSTHL
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 — CROT

Entrez GeneID [54677](#)

GeneBank Accession# [NM_021151.2](#)

Protein Accession# [NP_066974.2](#)

Gene Name CROT

Gene Alias COT

Gene Description carnitine O-octanoyltransferase

Omim ID [606090](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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

Other Designations peroxisomal carnitine O-octanoyltransferase|peroxisomal carnitine acyltransferase|peroxisomal carnitine octanoyltransferase

Disease

- [Tobacco Use Disorder](#)