

CROT Polyclonal Antibody

Cat No: HR1AP7779

For research use only

Overview

Product Name	CROT Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	72kDa
GeneID?Human?	CROT
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CROT; COT; Peroxisomal carnitine O-octanoyltransferase; COT
Background	carnitine O-octanoyltransferase(CROT) Homo sapiens 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],