

CROT Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02246
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from CROT . at AA range: 190-270
Mol wt	70178
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	CROT Antibody
Synonyms	CROT; COT; Peroxisomal carnitine O-octanoyltransferase; COT

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CROT (carnitine O-octanoyltransferase) 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.

Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year

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