

CROT Polyclonal Antibody

Description

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| 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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