

CROT Rabbit pAb

Catalog No.: A4790

Basic Information

Observed MW

70kDa

Calculated MW

70kDa

Category

Primary antibody

Applications

ELISA, WB, IP

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IP 0.5µg-4µg antibody for
25µg-100µg extracts of
whole cells

Immunogen Information

Gene ID

54677

Swiss Prot

Q9UKG9

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-87 of human CROT (NP_001230674.1).

Synonyms

COT; CROT

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

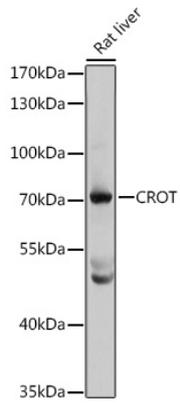
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from rat liver, using CROT Rabbit pAb (A4790) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.