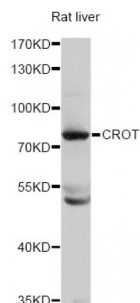


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Carnitine O-Octanoyltransferase (CROT) Antibody

Catalogue No.: abx003626



Western blot analysis of extracts of rat liver, using CROT antibody (abx003626) at 1:3000 dilution.

CROT Antibody is a Rabbit Polyclonal antibody against CROT. 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.

Target: CROT

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human CROT.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 10 kDa/70 kDa/73 kDa
Observed MW: 78 kDa

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Swiss Prot: [Q9UKG9](#)

GeneID: [54677](#)

Gene Symbol: CROT

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.