

CRAT

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 70kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CRAT

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CAT1;

Catalog #: A6365

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1384

Isotype: IgG

Swiss Prot: P43155

Purity: Affinity purification

For research use only.

Background:

This gene encodes carnitine acetyltransferase (CRAT), which is a key enzyme in the metabolic pathway in mitochondria, peroxisomes and endoplasmic reticulum. CRAT catalyzes the reversible transfer of acyl groups from an acyl-CoA thioester to carnitine and regulates the ratio of acylCoA/CoA in the subcellular compartments. Two transcript variants encoding different isoforms have been found for this gene.

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