

## CRAT RABBIT PAB

**Cat.#:** S218555

**Product Name:** Anti-CRAT Rabbit Polyclonal Antibody

**Synonyms:** CAT1

**UNIPROT ID:** P43155 (Gene Accession - BC000723 )

**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.

**Immunogen:** Fusion protein of human CRAT

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 20-100;WB: 200-1000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

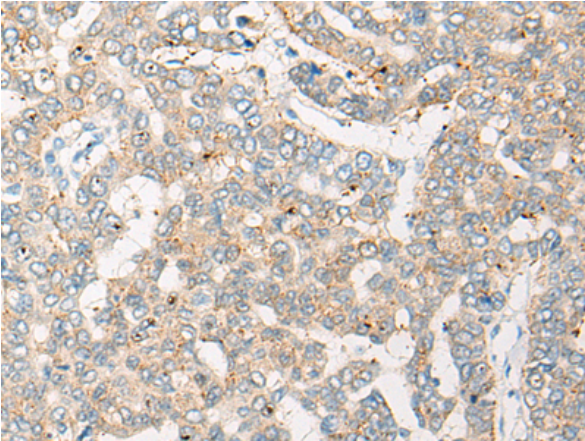
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

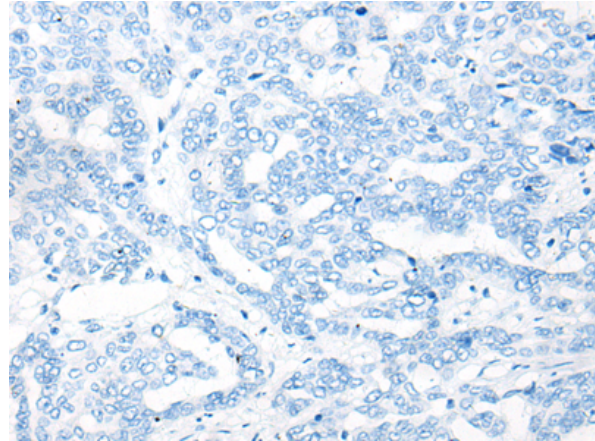
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Cardiovascular

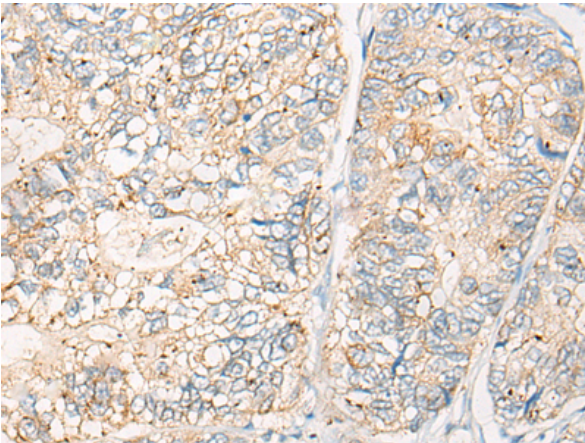
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



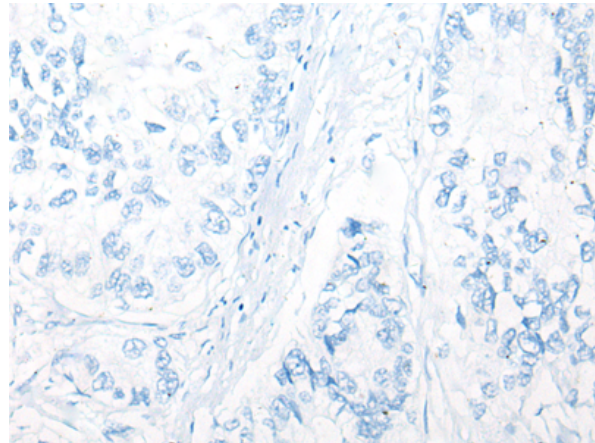
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218555(CRAT Antibody) at a dilution of 1/20(Cytoplasm).



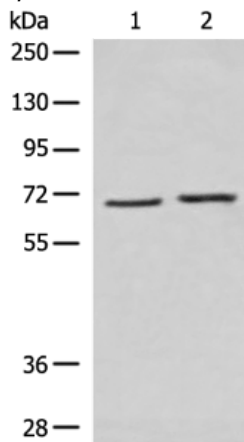
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218555(Anti-CRAT Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 218555(Anti-CRAT Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with fusion protein and then with D224676(Anti-CRAT Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane 1-2: A549 cell and Human heart tissue lysates;  
Primary antibody: 218555(CRAT Antibody) at dilution 1/200;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 20 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

---