

## ACOT9 RABBIT PAB

**Cat.#:** S210716

**Product Name:** Anti-ACOT9 Rabbit Polyclonal Antibody

**Synonyms:** ACATE2; CGI-16; MTACTION48; MT-ACT48

**UNIPROT ID:** Q9Y305 (Gene Accession - NP\_001028755 )

**Background:** The protein encoded by this gene is a mitochondrial acyl-CoA thioesterase of unknown function. Two transcript variants encoding different isoforms have been found for this gene. Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. Active on long chain acyl-CoAs.

**Immunogen:** Fusion protein of human ACOT9

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: Oct-50;WB: 500-2000;ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

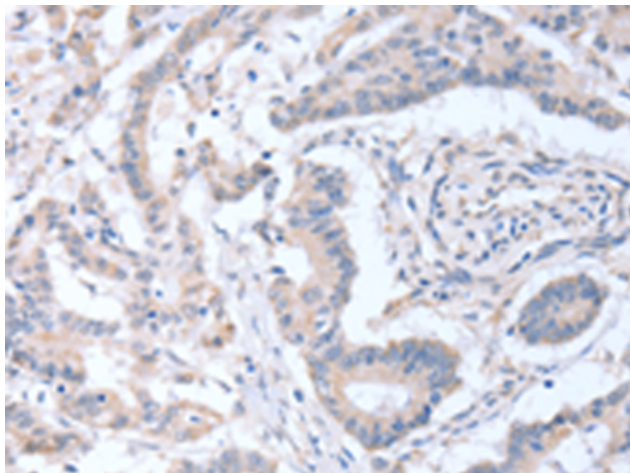
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

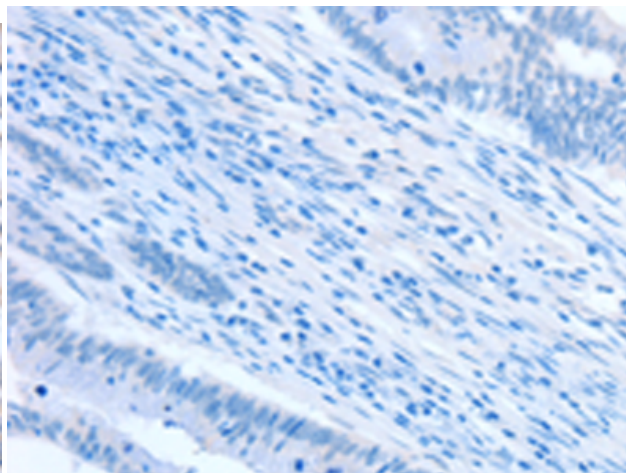
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism

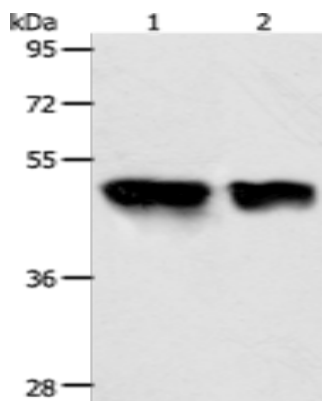
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 210716(ACOT9 Antibody) at a dilution of 1/15(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 210716(Anti-ACOT9 Antibody) at dilution 1/15.



Gel: 10%SDS-PAGE, Lysate: 40 µg;  
Lane 1-2: MCF7 cells, A172 cells;  
Primary antibody: 210716(ACOT9 Antibody) at dilution 1/350;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 5 seconds