

ACADS RABBIT PAB

Cat.#: S216911

Product Name: Anti-ACADS Rabbit Polyclonal Antibody

Synonyms: SCAD; ACAD3

UNIPROT ID: P16219 (Gene Accession - BC025963)

Background: This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency. It is an autosomal recessive disorder resulting in acute acidosis and muscle weakness in infants, and a form of lipid-storage myopathy in adults.

Immunogen: Fusion protein of human ACADS

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

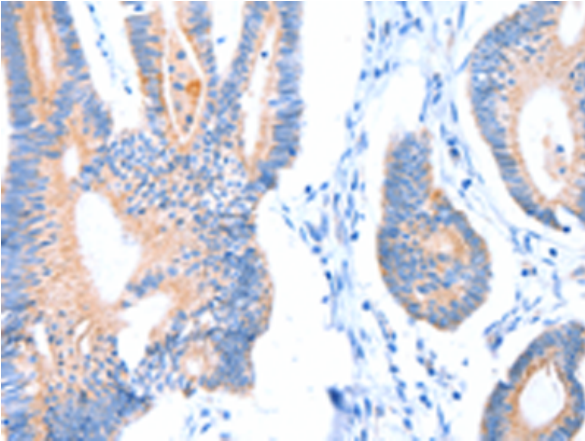
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

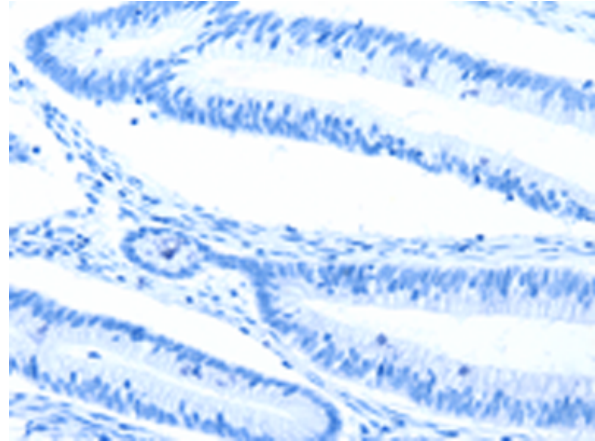
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cancer, Cardiovascular

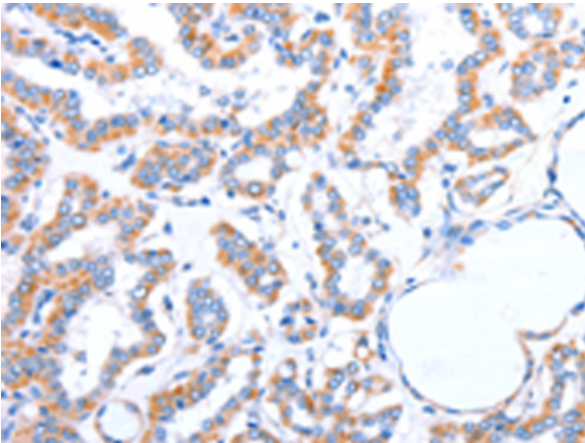
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



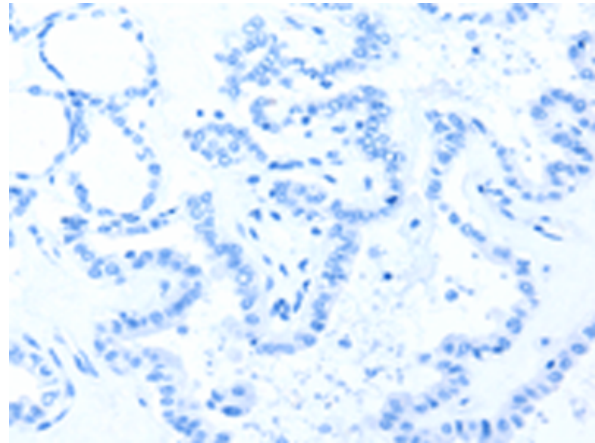
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 216911(ACADS Antibody) at a dilution of 1/20(Cytoplasm).



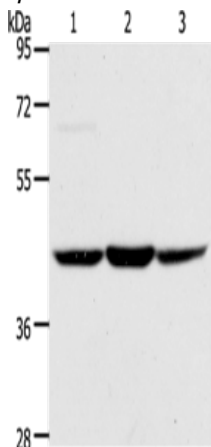
In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 216911(Anti-ACADS Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 216911(Anti-ACADS Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D221463(Anti-ACADS Antibody) at dilution 1/20.



Gel: 10%SDS-PAGE, Lysate: 40 µg;
 Lane 1-3: Human liver cancer tissue, rat kidney tissue, human fetal liver tissue;
 Primary antibody: 216911(ACADS Antibody) at dilution 1/400;
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
 Exposure time: 90 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
