

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CEL RABBIT PAB

Cat.#: S220402

Product Name: Anti-CEL Rabbit Polyclonal Antibody

Synonyms: BAL; FAP; BSDL; BSSL; CELL; FAPP; LIPA; CEase; MODY8

UNIPROT ID: P19835 (Gene Accession - NP_001798)

Background: The protein encoded by this gene is a glycoprotein secreted from the pancreas into the digestive tract and from the lactating mammary gland into human milk. The physiological role of this protein is in cholesterol and lipid-soluble vitamin ester hydrolysis and absorption. This encoded protein promotes large chylomicron production in the intestine. Also its presence in plasma suggests its interactions with cholesterol and oxidized lipoproteins to modulate the progression of atherosclerosis. In pancreatic tumoral cells, this encoded protein is thought to be sequestrated within the Golgi compartment and is probably not secreted. This gene contains a variable number of tandem repeat (VNTR) polymorphism in the coding region that may influence the function of the encoded protein.

Immunogen: Synthetic peptide of human CEL

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

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

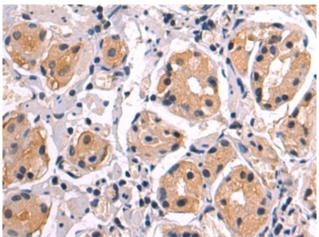
Research Areas: Cancer, Metabolism, Cell Biology

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

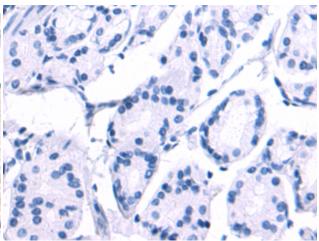


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Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 220402(CEL Antibody) at a dilution of 1/50(secreted).



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 220402(Anti-CEL Antibody) at dilution 1/50.

kDa 250 —	
130—	
95 —	
72 —	-
55 —	
36—	

Gel: 6%SDS-PAGE, Lysate: 40 µg; Lane: Mouse Pancreas tissue lysate; Primary antibody: 220402(CEL Antibody) at dilution 1/800; Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;

Exposure time: 1 minute