

CEL

Reactivity: Human Mouse Rat

Tested applications: WB IHC

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

Calculated MW: 79kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human CEL

Storage Buffer:

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

Synonym:

BAL; FAP; BSDI; BSSL; CELL; FAPP; LIPA; CEase; MODY8;

Catalog #: A7652

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1056

Isotype: IgG

Swiss Prot: P19835

Purity: Affinity purification

For research use only.

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 sequestered 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.

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