
ELOVL6 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253863

Unit: 0.1 mg

Description:

Lipogenesis is a key event in the energy storage system and is controlled by the transcription factor sterol regulatory element-binding protein (SREBP)-1. Elongation of very long chain fatty acids protein 6 (ELOVL6) is a member of fatty acyl-CoA elongase gene family that converts palmitic to stearic acid and it has been shown to be a target of SREBP-1, playing an important role in de novo synthesis of long-chain saturated and monosaturated fatty acids in conjunction with fatty acid synthase and stearoyl-CoA desaturase. ELOVL6 was predicted to be important for tissue fatty acid composition. Recent studies suggest that inhibition of this elongase could be a new therapeutic approach for ameliorating insulin resistance, diabetes and cardiovascular risks, even in the presence of a continuing state of obesity.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: ELOVL6; Elongation of very long chain fatty acids protein 6; hELO2; Fatty acyl-CoA elongase; FACE; Long-chain fatty-acyl elongase; LCE

Accession No.: NP_076995

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human ELOVL6.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.