

Adipophilin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251533

Unit: 0.1 mg

Description:

Adipophilin (ADFP, adipocyte differentiation-related protein) is a peripheral membrane located in milk lipid globules.

Adipophilin is involved in the development and maintenance of adipose tissue. Adipophilin, previously believed to be specific to adipocytes, is a major constituent of the globule surface and is present in a detergent-insoluble complex that contains stoichiometric amounts of butyrophilin and xanthine oxidase. Adipophilin is expressed in a wide range of cell lines, including fibroblasts, endothelial and epithelial cells. In tissues, it is restricted to certain cell types, such as lactating mammary epithelial cells, adrenal cortex cells, Sertoli and Leydig cells of the male reproductive system, and steatosis or fatty hepatocytes in alcoholic liver cirrhosis. Adipophilin is a possible new marker for the identification of specialized differentiated cells containing lipid droplets and for diseases associated with fat-accumulating cells.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

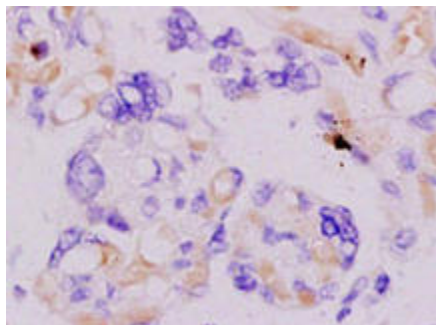
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: ADFP; ADRP; Adipophilin; Adipose differentiation-related protein; Perilipin-2; PLIN2

Accession No.: Q99541

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human adipophilin.

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



Adipophilin staining in placenta. Formalin-fixed paraffin-embedded human placenta tissue is stained with **Adipophilin Antibody (Cat. No. 251533)** used at **1:200 dilution**.

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.