
Product Name: PLIN2 Rabbit Polyclonal Antibody**Catalog #: APRab16270**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	48kDa

Antigen Information

Gene Name	PLIN2 ADFP
Alternative Names	
Gene ID	123.0
SwissProt ID	Q99541
Immunogen	Synthesized peptide derived from part region of human protein

Background

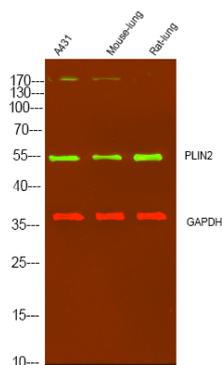
The protein encoded by this gene belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of

cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2011],lipid transport,response to organic substance,lipid localization,response to organic cyclic substance,monocarboxylic acid transport,organic acid transport,fatty acid transport,long-chain fatty acid transport,lipid storage,response to drug,carboxylic acid transport,

Research Area

Cancer; Metabolism; Types of disease; Heart disease; Pathways and Processes; Metabolism processes; Hypoxia; Metabolic signaling pathways; Lipid and lipoprotein metabolism; Lipid metabolism; Metabolism of lipids and lipoproteins; Cardiovascular; Hypoxia; Hypoxia-Regulated; Lipids / Lipoproteins; Adipose Related; Lipid Droplet Protein; Signal Transduction; Lipid metabolism; Atherosclerosis; Lipid transport; Cancer Metabolism; Metabolism of lipids and lipoproteins

Image Data



Western Blot analysis of various cell lysis. Primary Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:10000