

Product datasheet for **TA301422**

ADFP (PLIN2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1: 1000
Reactivity:	Human, Monkey, Porcine, Mouse, Bovine
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide made to an internal portion of the human protein, within residues 150-250. [Swiss-Prot# Q99541]
Formulation:	PBS + 30% glycerol
Purification:	peptide affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	perilipin 2
Database Link:	NP_001113 Entrez Gene 11520 MouseEntrez Gene 101055843 MouseEntrez Gene 123 Human Q99541

Background: Milk lipid globules from humans, cows and rats contain a protein identified as adipocyte differentiation-related protein (ADFP). It is associated with the globule surface membrane material. This protein, 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 butyrophilin and xanthine oxidase. ADFP (Adipophilin) is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells. In tissues, however, expression of adipophilin is restricted to specific cell types, such as lactating mammary epithelial cells, adrenal cortex cells, Sertoli and Leydig cells of the male reproductive system, and steatosis or fatty change hepatocytes in alcoholic liver cirrhosis. ADFP may be a possible new marker for the identification of specialized differentiated cells containing lipid droplets and for diseases associated with fat-accumulating cells.



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Synonyms: ADFP; ADRP

Protein Families: Druggable Genome