

Recombinant Anti-Adipophilin Rabbit mAb

Catalog # AP95034

Product Information

Application	WB, FC, IF/IC
Primary Accession	Q99541
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	48075

Additional Information

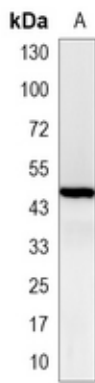
Gene ID	123
Other Names	ADFP; Perilipin-2; Adipophilin; Adipose differentiation-related protein; ADRP
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Adipophilin protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

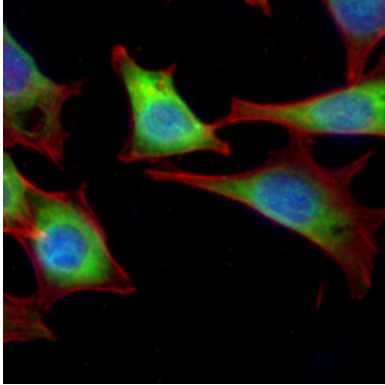
Name	PLIN2 (HGNC:248)
Synonyms	ADFP
Function	Structural component of lipid droplets, which is required for the formation and maintenance of lipid storage droplets.
Cellular Location	Membrane {ECO:0000250 UniProtKB:P43883}; Peripheral membrane protein {ECO:0000250 UniProtKB:P43883}. Lipid droplet
Tissue Location	Milk lipid globules..

Images

Western blot analysis of Adipophilin expression in HepG2
(A) whole cell lysates. (Predicted band size: 48 kD;



Observed band size: 48 kD)



Immunofluorescent analysis of Adipophilin staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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