

PLIN2 antibody

Product Information

Catalog No.:	FNab00183
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	1G4
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

ADRP(adipocyte differentiation related protein) also known as ADFP, adipophilin, or perilipin-2, is a member of PAT family which is responsible for the transportation of lipids and the formation of lipid droplets. ADRP is localized on the surface of lipid droplets in a variety of tissues and cell lines. ADRP is not detected in undifferentiated cells but increases rapidly to high levels when adipocyte precursors differentiate into adipocytes. Anti-ADRP antibody is a reliable and sensitive marker for lipid droplet. Enhanced expression of ADRP is linked to diseases with abnormal lipid storage, including hepatic steatosis, atherosclerosis and diabetes. Immunohistochemistry of ADRP may facilitate histomorphological diagnosis of these diseases.

Immunogen information

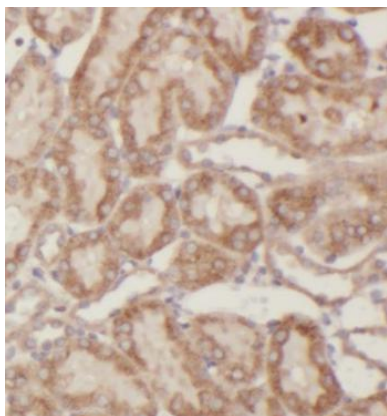
Immunogen:	adipose differentiation-related protein
Synonyms:	Perilipin-2 Adipophilin Adipose differentiation-related protein (ADRP) PLIN2 ADFP
Observed MW:	50 kDa
Uniprot ID :	Q99541

Application

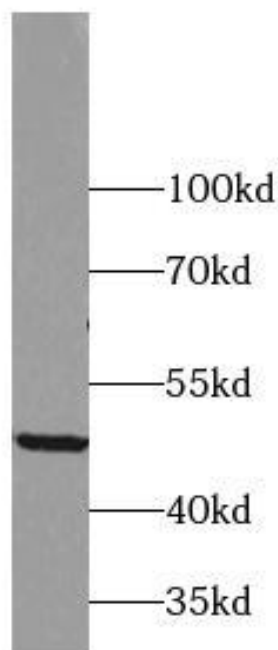
Reactivity:	Human
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human renal cell carcinoma tissue slide using FNab00183(ADRP Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



human adipose tissue were subjected to SDS PAGE followed by western blot with FNab00183(ADRP Antibody) at dilution of 1:1000