PLIN2 Antibody

Catalog No: #37318

Orders: order@signalwayantibody.com
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Description

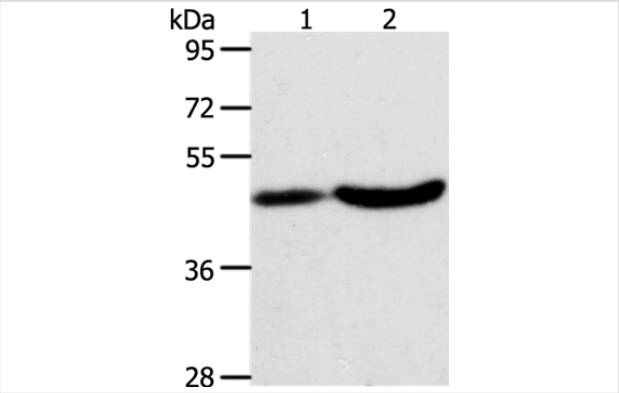
Product Name	PLIN2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PLIN2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Perilipin 2
Target Name	PLIN2
Other Names	ADFP; ADRP
Accession No.	Swiss-Prot#: Q99541NCBI Gene ID: 123Gene Accssion: NP_001113
Uniprot	Q99541
GeneID	123;
SDS-PAGE MW	48kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

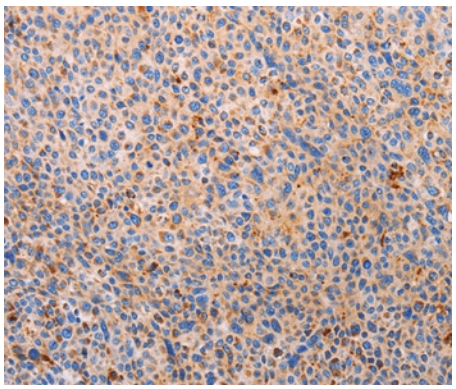
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 10%SDS-PAGE
Lysates (from left to right): Human liver cancer and mouse brain tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37318 at dilution 1/20.

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.

Note: This product is for in vitro research use only