

## PLIN2 antibody

Catalog No: #38786

Package Size: #38786-1 50ul #38786-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

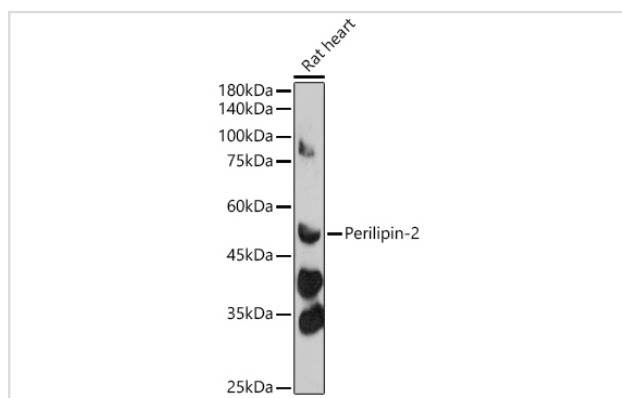
## Description

Product Name	PLIN2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PLIN2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human Perilipin-2 (NP_001113.2).
Target Name	PLIN2
Other Names	PLIN2;ADFP;ADRP
Accession No.	Uniprot:Q99541GeneID:123
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GeneID	123
SDS-PAGE MW	48KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

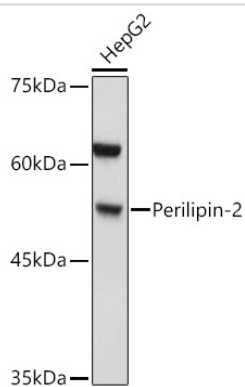
## Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

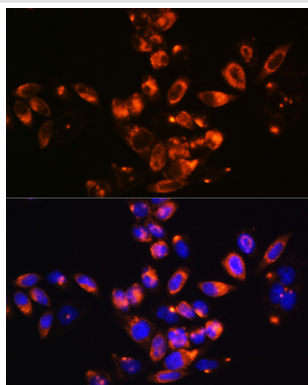
## Images



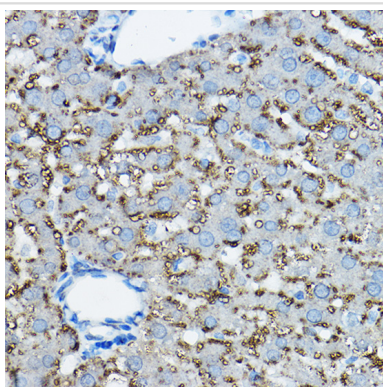
Western blot analysis of extracts of Rat heart, using Perilipin-2 antibody.



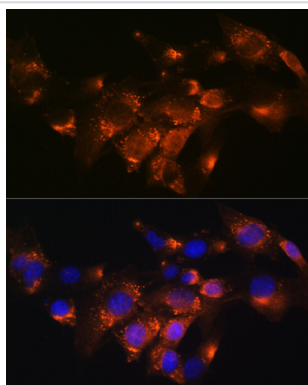
Western blot analysis of extracts of HepG2 cells, using Perilipin-2 antibody.



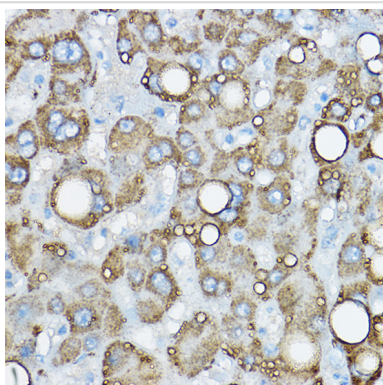
Immunofluorescence analysis of HeLa cells using Perilipin-2 Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat liver using Perilipin-2 Rabbit pAb.



Immunofluorescence analysis of NIH-3T3 cells using Perilipin-2 Rabbit pAb.



Immunohistochemistry of paraffin-embedded human liver using Perilipin-2 Rabbit pAb.

## Background

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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.

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Note: This product is for in vitro research use only