

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ACAT1



Numéro de catalogue: 16215-1-AP

Phare

22 Publications

## Informations de base

<b>Numéro de catalogue:</b> 16215-1-AP	<b>Numéro d'acquisition GenBank:</b> BC010942	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul, Concentration: 550 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 38	<b>Dilutions recommandées:</b> WB 1:500-1:2000 IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB
<b>Hôte:</b> Lapin	<b>Nom complet:</b> acetyl-Coenzyme A acetyltransferase 1	<b>IHC 1:50-1:500</b> <b>IF 1:10-1:100</b>
<b>Isotype:</b> IgG	<b>MW calculé:</b> 45 kDa	
<b>Immunogen Catalog Number:</b> AG9215	<b>MW observés:</b> 38-45 kDa	

## Applications

### Applications testées:

IF, IHC, IP, WB, ELISA

### Demandes citées:

CoIP, IF, IHC, IP, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

**WB :** tissu cardiaque de souris, cellules Caco-2, cellules MCF-7, tissu de côlon de souris, tissu de muscle squelettique de rat, tissu de muscle squelettique humain

**IP :** tissu cardiaque de souris,

**IHC :** tissu hépatique humain,

**IF :** cellules HeLa,

## Informations générales

ACAT1 (acetyl-CoA acetyltransferase), is a mitochondrial enzyme catalyzing the reversible formation or breakdown of acetoacetyl-CoA and plays important roles in ketogenesis and ketolysis. Deficiency of ACAT1 causes an inherited metabolic disorder. Recently ACAT1 has been reported to get involved in cancer progression.

## Publications notables

Autrice	Pubmed ID	Journal	Application
De Huang	27644987	Cell Res	WB
Tim Düking	36112685	Sci Adv	WB
Jingqian Guan	33103371	J Cell Mol Med	WB,IF,CoIP

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

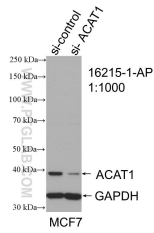
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

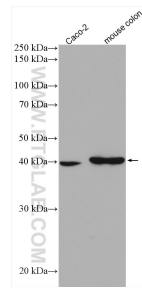
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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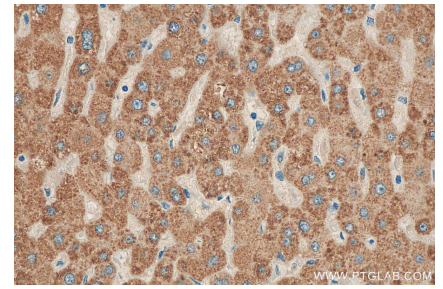
## Données de validation sélectionnées



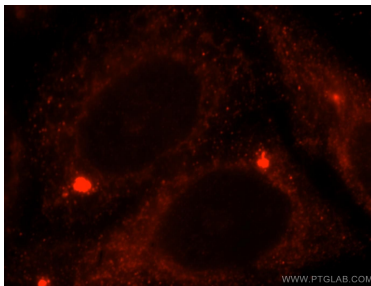
WB result of ACAT1 antibody (16215-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ACAT1 transfected MCF-7 cells.



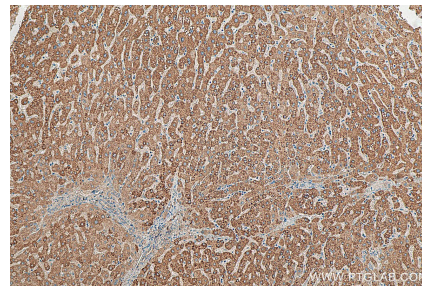
Various lysates were subjected to SDS PAGE followed by western blot with 16215-1-AP (ACAT1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



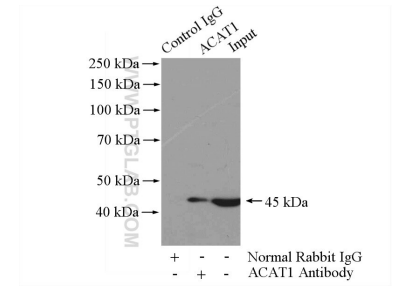
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16215-1-AP (ACAT1 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



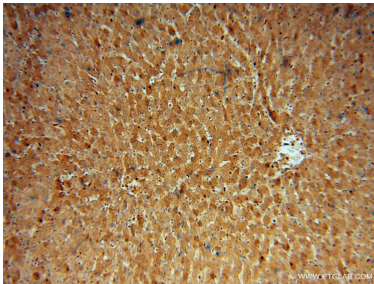
Immunofluorescent analysis of HeLa cells, using ACAT1 antibody 16215-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16215-1-AP (ACAT1 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-ACAT1 (IP:16215-1-AP, 4ug; Detection:16215-1-AP 1:500) with mouse heart tissue lysate 4400ug.



Immunohistochemical analysis of paraffin-embedded human liver using 16215-1-AP (ACAT1 antibody) at dilution of 1:100 (under 10x lens).