À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-LPCAT1

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:16112-1-AP Phare 30 Publications

Informations de base

Numéro de catalogue:
16112-1-AP

Taille:
150ul , Concentration: 400 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9035

Numéro d'acquisition GenBank:
BC020166

Identification du gène (NCBI):
79888

Nom complet:
lysophosphatidylcholine acyltransferase 1

MW calculé
534 aa, 59 kDa

MW observés:
59 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:1000-1:8000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, 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 : cellules A431, cellules A549, tissu cérébral de rat, tissu cérébral de souris, tissu pulmonaire de rat, tissu pulmonaire de souris, tissu pulmonaire humain, tissu splénique de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer du sein humain, tissu de cancer du côlon humain, tissu pulmonaire de souris, tissu splénique de souris

IF : cellules MCF-7,

Informations générales

LPCAT1, also named as AYTL2, PFAAP3 and LysoPAFAT, belongs to the 1-acyl-sn-glycerol-3-phosphate acyltransferase family. It is a key enzyme for remodeling phospholipids, including phosphatidylcholine. The expression level of LPCAT1 is able to differentiate prostate cancer from noncancerous prostatic changes, and correlates to the tumor grade of prostate cancer. LPCAT1 possesses both acyltransferase and acetyltransferase activities. It mediates the conversion of 1-acyl-sn-glycero-3-phosphocholine (LPC) into phosphatidylcholine (PC).

Publications notables

Autrice	Pubmed ID	Journal	Application
Patrick Lebok	31533087	Aging (Albany NY)	IHC
Xuedan Deng	36099794	Biomed Pharmacother	IHC,WB
Martin P Helley	26434622	Neuroscience	WB, IF

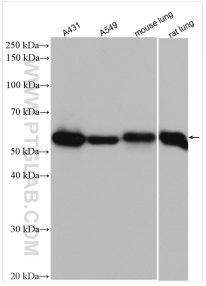
Stockage

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

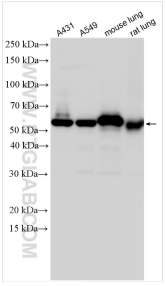
***** Les 20ul contiennent 0,1% de BSA.**

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
W: ptglab.com

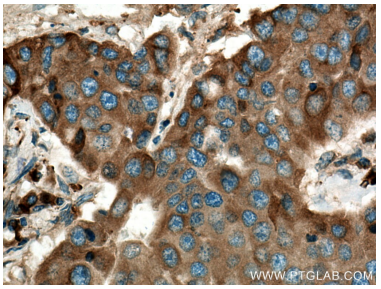
Données de validation sélectionnées



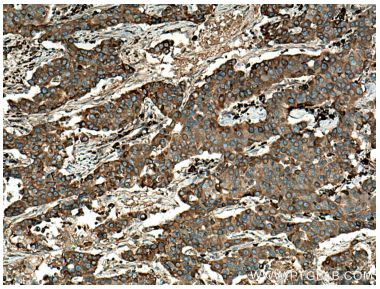
Various lysates were subjected to SDS PAGE followed by western blot with 16112-1-AP (LPCAT1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



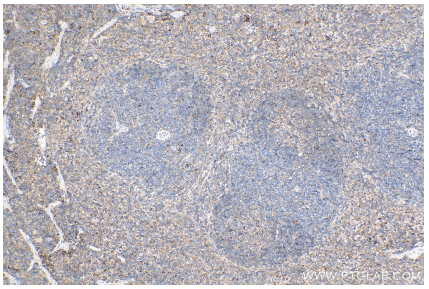
Various lysates were subjected to SDS PAGE followed by western blot with 16112-1-AP (LPCAT1 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



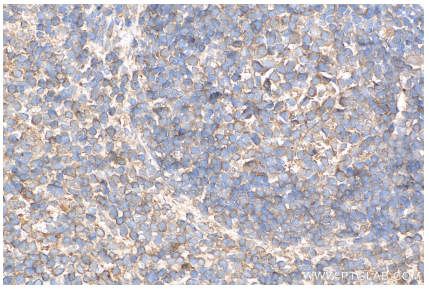
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16112-1-AP (LPCAT1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



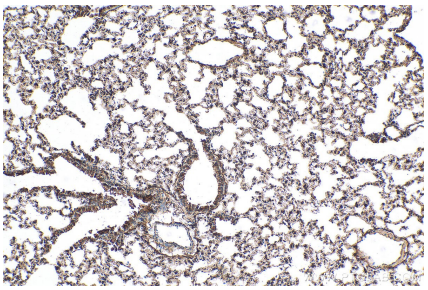
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16112-1-AP (LPCAT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



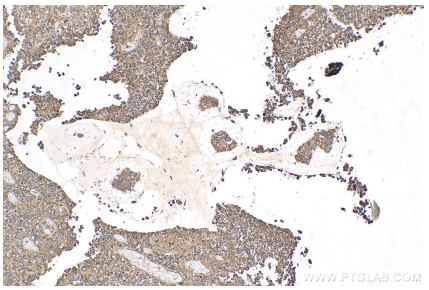
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 16112-1-AP (LPCAT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



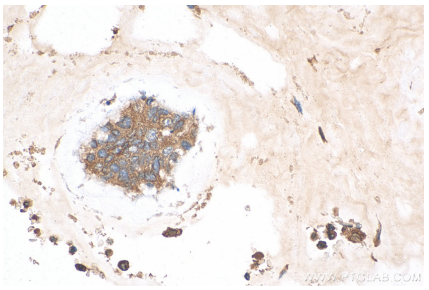
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 16112-1-AP (LPCAT1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



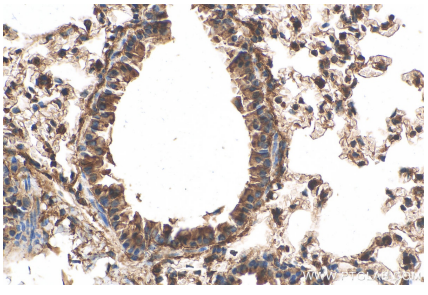
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 16112-1-AP (LPCAT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

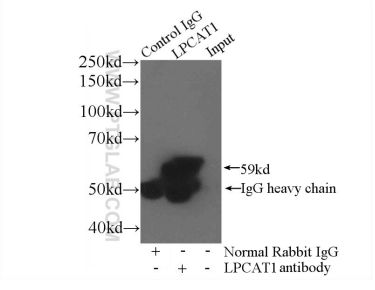


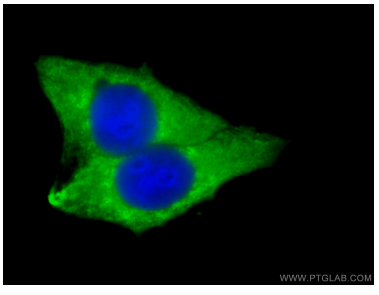
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16112-1-AP (LPCAT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

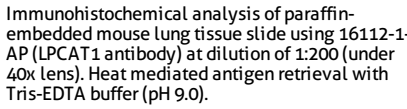


Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16112-1-AP (LPCAT1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

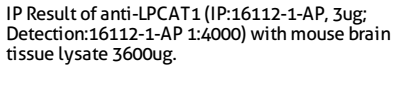




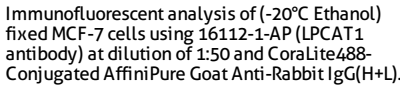




Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 16112-1-AP (LPCAT1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-LPCAT1 (IP:16112-1-AP, 3ug; Detection:16112-1-AP 1:4000) with mouse brain tissue lysate 3600ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 16112-1-AP (LPCAT1 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).