À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-LASP1

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:10515-1-AP Phare 27 Publications

Informations de base

Numéro de catalogue:
10515-1-AP

Taille:
150ul , Concentration: 650 μg/ml by Nanodrop and 440 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0800

Numéro d'acquisition GenBank:
BC012460

Identification du gène (NCBI):
3927

Nom complet:
LIM and SH3 protein 1

MW calculé
30 kDa

MW observés:
38-40 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:16000
IP 0.5-4.0 ug for IP and 1:2000-1:16000 for WB
IHC 1:50-1:500
IF 1:10-1:100

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 : cellules A431, cellules Jurkat, cellules MCF-7, cellules MDA-MB-453s, cellules PC-3, cellules SGC-7901, cellules SKOV-3, tissu cérébral de souris

IP : cellules A549,

IHC : tissu de cancer du côlon humain, tissu de cancer du foie humain, tissu de cancer du sein humain

IF : cellules HeLa,

Informations générales

LASP1(LIM and SH3 protein 1), also known as MLN50, is a 261 amino acid protein that localizes to both the cytoplasm and the cytoskeleton(PMID: 7589475). LASP1 consists of an N-terminal LIM-domain with two zinc finger motifs, followed by two central actin-binding nebulin repeats, flanked by a linker region and a C-terminal SH3 domain (PMID: 17177073, 9848085). LASP-1 interacts with F-Actin and plays an important role in the regulation of Actin-associated cytoskeletal organization. Agonist-dependent changes in LASP1 phosphorylation may regulate Actin-related ion transport activities in epithelial cells (PMID: 15465019,12571245). Overexpression of LASP-1 is associated with breast cancer, and plays a role in tumor transformation and metastasis (PMID: 17956604).

Publications notables

Autrice	Pubmed ID	Journal	Application
Stephanie L Pollitt	32997597	Mol Biol Cell	WB,IHC
Le-Le Wang	27696291	Tumour Biol	WB
Yan-Yan Du	26414725	J Gastroenterol Hepatol	WB, IHC

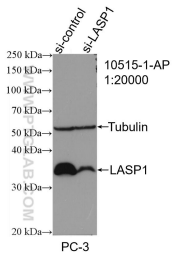
Stockage

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

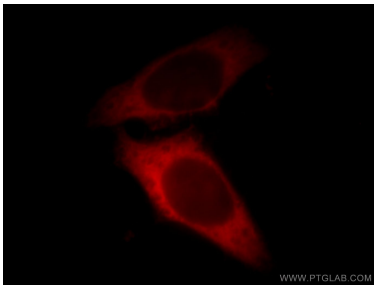
*** Les 20ul contiennent 0,1% de BSA.

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

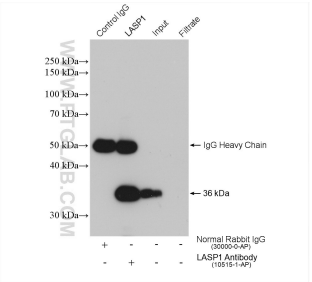
Données de validation sélectionnées



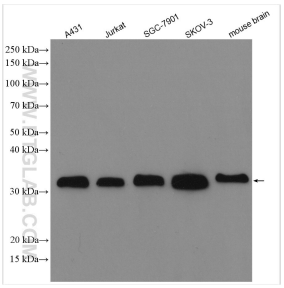
WB result of LASP1 antibody (10515-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LASP1 transfected PC-3 cells.



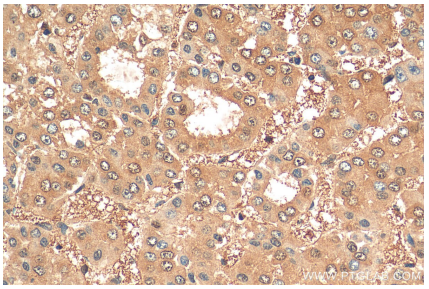
Immunofluorescent analysis of Hela cells, using LASP1 antibody 10515-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



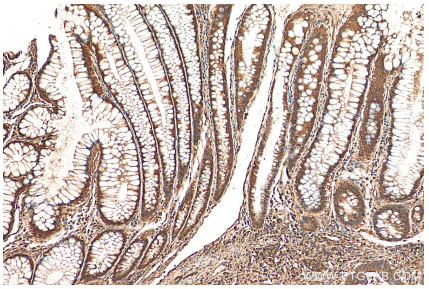
IP result of anti-LASP1(IP:10515-1-AP, 4ug; Detection:10515-1-AP 1:8000) with A549 cells lysate 600 ug.



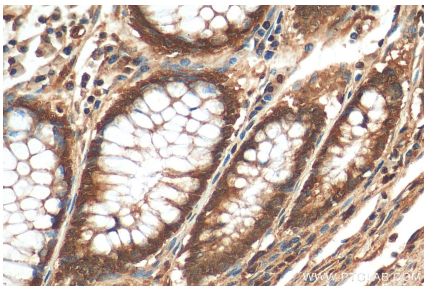
Various lysates were subjected to SDS PAGE followed by western blot with 10515-1-AP (LASP1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



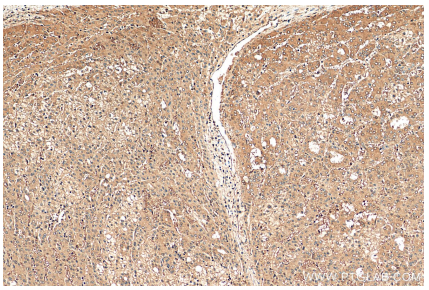
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10515-1-AP (LASP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10515-1-AP (LASP1 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 10515-1-AP (LASP1 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 liver cancer tissue slide using 10515-1-AP (LASP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).