

À des fins de recherche uniquement

Anticorps Monoclonal anti-LASP1

Numéro de catalogue: 68080-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 68080-1-Ig	Numéro d'acquisition GenBank: BC012460	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3927	CloneNo.: 1G4B6
Hôte: Mouse	Nom complet: LIM and SH3 protein 1	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:200-1:800
Isotype: IgG1	MW calculé: 30 kDa	
Immunogen Catalog Number: AG18101	MW observés: 35-38 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules A431, cellules HCT 116, cellules HeLa, cellules PC-3, plaquettes de sang périphérique humain

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

IF : cellules A549,

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.

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
Chong Yang	36670097	Cell Death Dis	WB

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.

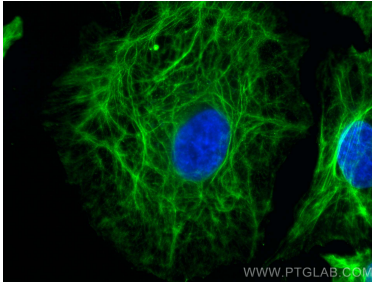
For technical support and original validation data for this product please contact:

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

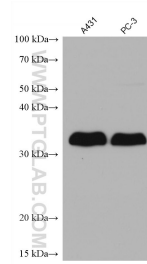
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

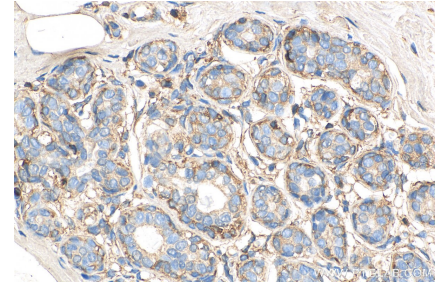
Données de validation sélectionnées



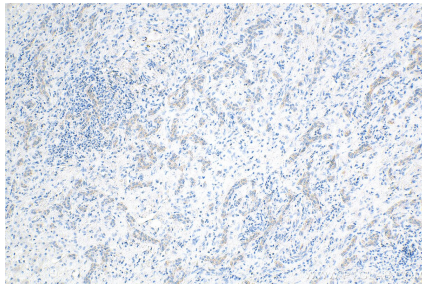
Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using LASP1 antibody (68080-1-Ig, Clone: 1G4B6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



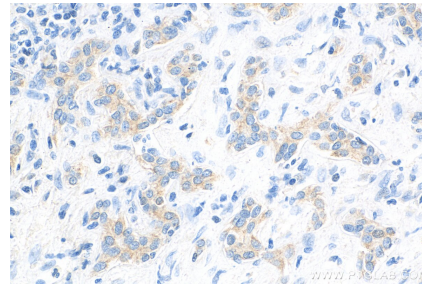
Various lysates were subjected to SDS PAGE followed by western blot with 68080-1-Ig (LASP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



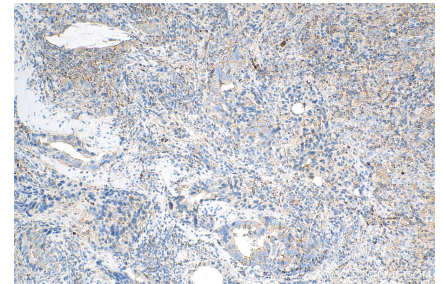
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 68080-1-Ig (LASP1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68080-1-Ig (LASP1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68080-1-Ig (LASP1 antibody) at dilution of 1:1000 (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 68080-1-Ig (LASP1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).