

Allgemeine Informationen

Katalog-Nr.:

11307-1-AP

Größe:

150ul, Konzentration: 450 µg/ml von Nanodrop und 420 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG1845

GenBank-Zugangsnummer:

BC019035

GeneID (NCBI):

9404

Vollständiger Name:

leupaxin

Berechnete Masse:

43 kDa

Beobachtete Masse:

50-60 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IHC 1:50-1:500

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : PC-3-Zellen, RAW 264.7-Zellen

IHC : humanes Lungenkarzinomgewebe, humanes Prostatakarzinomgewebe, humanes Tonsillitisgewebe

IF : PC-3-Zellen,

Hintergrundinformationen

LPXN, also known as Leupaxin, LDPL, belongs to the paxillin family. LPXN contributes to the regulation of cell adhesion, spreading, and cell migration and acts as a negative regulator in integrin-mediated cell adhesion events (PMID: 20543562). LPXN has four leucine-rich LD-motifs in the N-terminus and four LIM domains in the C-terminus. It may function in cell type-specific signaling by associating with PYK2, a member of the focal adhesion kinase family (PMID: 9565592). Studies in breast cancer implicate LPXN is involved in the regulation of ER action as a co-factor (PMID: 25955236). LPXN is expressed in prostate cancer cells and its expression intensity is directly linked to PCA progression (PMID: 18451096).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xinming Wang	34118218	J Mol Cell Cardiol	IF

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

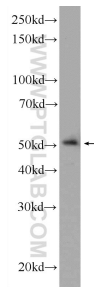
For technical support and original validation data for this product please contact:

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

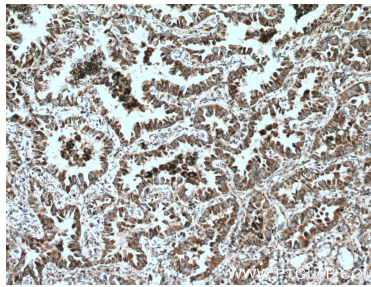
E: proteintech@ptglab.com
 W: ptglab.com

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

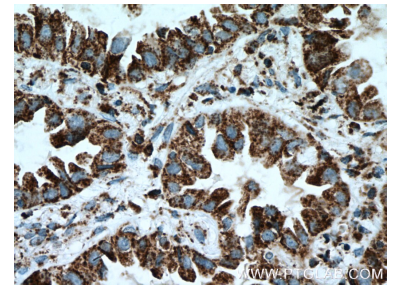
Ausgewählte Validierungsdaten



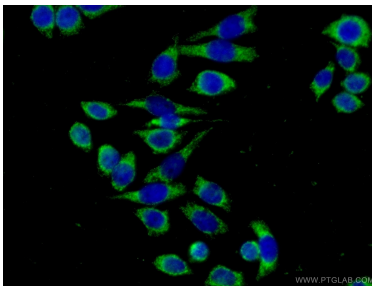
PC-3 cells were subjected to SDS PAGE followed by western blot with 11307-1-AP (LPXN Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11307-1-AP (LPXN 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 lung cancer tissue slide using 11307-1-AP (LPXN antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using 11307-1-AP (LPXN antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).