

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PBXIP1



Numéro de catalogue: 12102-1-AP

Phare

12 Publications

Informations de base

Numéro de catalogue:
12102-1-AP

Taille:
150ul, Concentration: 1000 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2746

Numéro d'acquisition GenBank:
BC016852

Identification du gène (NCBI):
57326
Nom complet:
pre-B-cell leukemia homeobox interacting protein 1

MW calculé:
731 aa, 81 kDa

MW observés:
95-100 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

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

Demandes citées:
ChIP, IF, IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, souris

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

Contrôles positifs:

WB : cellules BxPC-3, cellules A549, cellules HeLa

IP : cellules HeLa,

IHC : tissu de cancer du poumon humain,

IF : cellules HepG2, cellules HeLa

Informations générales

PBXIP1 (pre-B-cell leukemia transcription factor-interacting protein 1), also known as HPIP (hematopoietic PBX-interacting protein), is a regulator of pre-B-cell leukemia transcription factors (BPXs) function. PBXIP1 is a nucleocytoplasmic shuttling protein, mainly localized in the cytosol and in small amounts in the nucleus (PMID: 10825160). It interacts with PBX1 as well as PBX2 and PBX3. PBXIP1 inhibits the ability of PBX-HOX heterodimers to bind to target sequences and strongly inhibits the transactivation activity of E2A-PBX. PBXIP1 is also reported to be a microtubule-binding protein, which regulates estrogen receptor functions and plays a role in cancer development and progression (PMID: 17043237; 18302941; 23321675). The predicted PBXIP1 protein has a calculated molecular mass of 81 kDa. This polyclonal antibody raised against 1-300aa of human PBXIP1 recognizes endogenous PBXIP1 with an apparent molecular weight of 95-100 kDa. The slow migration of PBXIP1 possibly results from either post-translational modifications or intrinsic SDS-resistant folding of the protein (PMID: 10825160; 17043237).

Publications notables

Autrice	Pubmed ID	Journal	Application
Bing Chen	27748944	Oncol Rep	
H Mai	27694835	Oncogenesis	WB, IHC, IF
Shun-Chang Wang	26463629	Biomed Pharmacother	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.

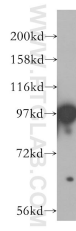
For technical support and original validation data for this product please contact:

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

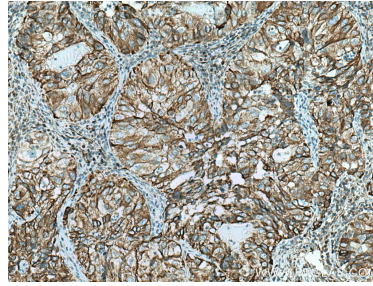
E: proteintech@ptglab.com
W: ptglab.com

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

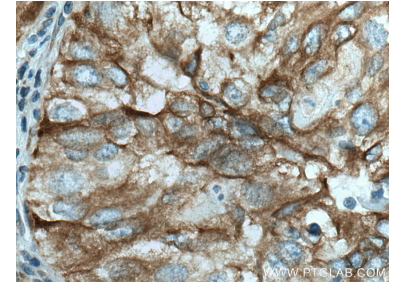
Données de validation sélectionnées



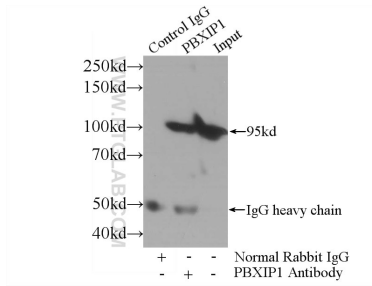
BxPC-3 cells were subjected to SDS PAGE followed by western blot with 12102-1-AP (PBXIP1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



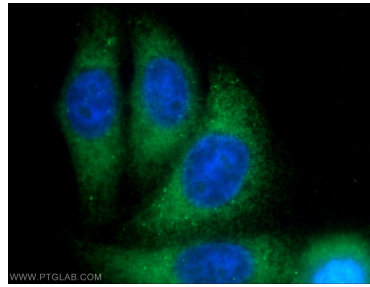
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12102-1-AP (PBXIP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12102-1-AP (PBXIP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-PBXIP1 (IP:12102-1-AP, 3ug; Detection:12102-1-AP 1:800) with HeLa cells lysate 3000ug.



Immunofluorescent analysis of HepG2 cells using 12102-1-AP (PBXIP1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).