

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PBX4



Numéro de catalogue: 22323-1-AP

## Informations de base

Numéro de catalogue:  
22323-1-AP

Taille:  
150ul, Concentration: 200 µg/ml by  
Nanodrop and 133 µg/ml by Bradford  
method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG17768

Numéro d'acquisition GenBank:  
BC141859

Identification du gène (NCBI):  
80714

Nom complet:  
pre-B-cell leukemia homeobox 4

MW calculé  
374 aa, 41 kDa

MW observés:  
70 kDa

Méthode de purification:  
Purifié par affinité contre l'antigène

Dilutions recommandées:  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:200-1:1000  
for WB

## Applications

Applications testées:  
IP, WB, ELISA

Spécificité de l'espèce:  
Humain

Contrôles positifs:

WB : cellules HEK-293, cellules A2780, cellules COLO  
320, cellules Jurkat, cellules SKOV-3

IP : cellules A2780,

## Informations générales

Pre-B-cell leukemia homeobox 4 (PBX4), also named as Homeobox protein PBX4, is one of the pbx gene encode homeodomain containing transcriptional regulators that interact with other proteins to control embryogenesis and tumorigenesis. Pbx 4 expression is confined to the testis, especially to spermatocytes in the pachytene stage of the first meiotic prophase. PBX4 may form heterodimers with other homeobox genes (hoxb1b or meis3) to specify different developmental fates during vertebrate embryogenesis (PMID:10679934). The trimeric complex containing Pbx4, Meis3, and Hoxb1b was also formed. The calculated molecular weight of PBX4 is about 41 kDa, but the molecular weight of heterodimers (PBX4 and hoxb1b) is about 70 kDa.

## 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.

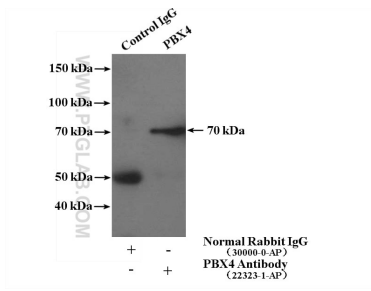
For technical support and original validation data for this product please contact:

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

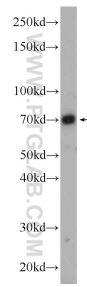
E: proteintech@ptglab.com  
W: ptglab.com

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

## Données de validation sélectionnées



IP result of anti-PBX4 (IP:22323-1-AP, 4ug;  
Detection:22323-1-AP 1:300) with A2780 cells  
lysate 3600 ug.



HEK-293 cells were subjected to SDS PAGE  
followed by western blot with 22323-1-AP (PBX4  
Antibody) at dilution of 1:600 incubated at room  
temperature for 1.5 hours.