

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ZBTB7B



Numéro de catalogue: 11341-1-AP

2 Publications

Informations de base

Numéro de catalogue:
11341-1-AP

Taille:
150ul, Concentration: 800 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1888

Numéro d'acquisition GenBank:
BC012070

Identification du gène (NCBI):
51043

Nom complet:
zinc finger and BTB domain containing 7B

MW calculé:
539 aa, 58 kDa

MW observés:
60-65 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IF 1:10-1:100

Applications

Applications testées:
IF, IP, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, Hamster

Contrôles positifs:

WB : cellules HeLa, cellules HepG2

IP : tissu cutané de souris,

IF : cellules HeLa, cellules MCF-7

Informations générales

ZBTB7B belongs to a large family of transcription factors, generally acting as repressors, characterized by a carboxy-terminal DNA binding domain made of multiple zinc fingers (four in Thpok) and an amino-terminal BTB-POZ domain that mediates homo- (and possibly hetero-) dimerization [PMID: 17084908]. Zbtb7b is up-regulated by MHC-II-restricted thymocytes during their CD4 differentiation and is a major determinant of CD4 lineage choice. Two properties of ZBTB7B deserve attention. First, although Thpok is expressed in a wide variety of cells, its expression in the thymus is highly lineage-specific : CD4 SP thymocytes (and all CD4 T cells) express Thpok, whereas DP and CD8 SP thymocytes do not. Second, both loss- and gain-of-function experiments indicate that Thpok affects lineage choice but not positive selection [PMID: 15729333, 10550051].

Publications notables

Autrice	Pubmed ID	Journal	Application
Jian Sun	34700042	Acta Biomater	WB
Hao-Ming Xu	35761286	J Transl Med	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.

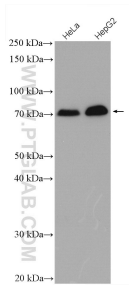
For technical support and original validation data for this product please contact:

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

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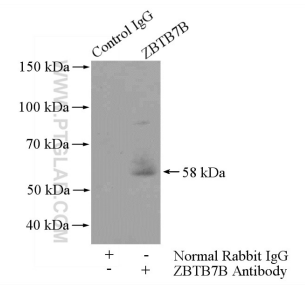
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 11341-1-AP (ZBTB7B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells, using ZBTB7B antibody 11341-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-ZBTB7B (IP:11341-1-AP, 4ug; Detection:11341-1-AP 1:300) with mouse skin tissue lysate 3200ug.