

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PTPN18



Numéro de catalogue: 17551-1-AP

2 Publications

## Informations de base

<b>Numéro de catalogue:</b> 17551-1-AP	<b>Numéro d'acquisition GenBank:</b> BC052800	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul, Concentration: 320 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 26469	<b>Dilutions recommandées:</b> WB 1:500-1:3000 IHC 1:20-1:200
<b>Hôte:</b> Lapin	<b>Nom complet:</b> protein tyrosine phosphatase, non-receptor type 18 (brain-derived)	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 460 aa, 50 kDa	
<b>Immunogen Catalog Number:</b> AG11704	<b>MW observés:</b> 50 kDa	

## Applications

<b>Applications testées:</b> IHC, WB, ELISA	<b>Contrôles positifs:</b> WB : cellules Jurkat, tissu cérébral humain IHC : tissu cérébral humain,
<b>Demandes citées:</b> IHC, WB	
<b>Spécificité de l'espèce:</b> Humain	
<b>Espèces citées:</b> Humain	

**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.**

## Informations générales

PTPN18 (Tyrosine-protein phosphatase non-receptor type 18) is also named as BDP1 and belongs to the protein-tyrosine phosphatase family. The PTPN18 cDNA encodes a deduced 459-amino acid protein with no transmembrane domain and a calculated molecular weight of 50 kD. PTPN18 has a PEST motif and shares the greatest homology with members of the PTP-PEST gene family. Northern blot analysis indicated that PTPN18 is expressed not only in brain, but also in colon and several different tumor-derived cell lines. (PMID:8950995). It has 2 isoforms produced by alternative splicing.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Guangyan Zhangyuan	29742497	Cell Physiol Biochem	IHC
Junhong Cai	31034093	Clin Exp Pharmacol Physiol	WB

## Stockage

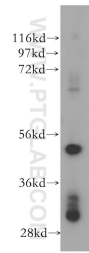
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

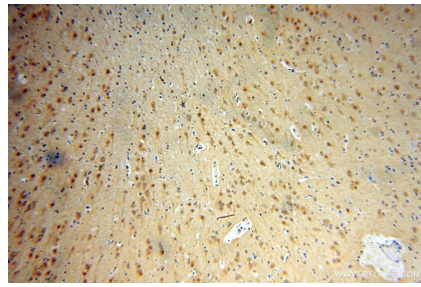
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

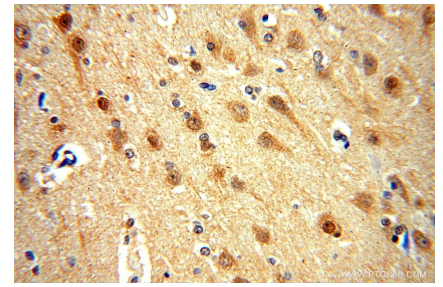
## Données de validation sélectionnées



Jurkat cells were subjected to SDS PAGE followed by western blot with 17551-1-AP (PTPN18 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 17551-1-AP (PTPN18 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 17551-1-AP (PTPN18 antibody) at dilution of 1:100 (under 40x lens).