

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PTBP1



Numéro de catalogue: 12582-1-AP

Phare

37 Publications

## Informations de base

Numéro de catalogue: 12582-1-AP	Numéro d'acquisition GenBank: BC013694	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 350 µg/ml by Nanodrop;	Identification du gène (NCBI): 5725	Dilutions recommandées: WB 1:2000-1:16000 IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: polypyrimidine tract binding protein 1	
Isotype: IgG	MW calculé: 59 aa, 6 kDa	
Immunogen Catalog Number: AG3277	MW observés: 59.6 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, IHC, IP, RIP, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, rat, souris

### Contrôles positifs:

WB : cellules A431, cellules BxPC-3, cellules HeLa, cellules Jurkat, cellules K-562, tissu cardiaque de rat, tissu pulmonaire de souris

IHC : tissu de cancer de la prostate humain, tissu cérébral de souris, tissu pancréatique humain

IF : tissu cérébral de souris,

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

## Informations générales

Polypyrimidine tract-binding protein (PTBP1), also known as heterogeneous nuclear ribonucleoprotein type I (hnRNP I), is a nuclear protein that binds pre-mRNAs in specific regions of the hnRNA-protein complexes sensitive to micrococcal nuclease. It involves in pre-mRNA splicing and the regulation of alternative splicing events. PTBP1 promotes RNA looping when bound to two separate polypyrimidine tracts in the same pre-mRNA, and promotes the binding of U2 snRNP to pre-mRNA. Besides, it can cooperate with RAVR1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA, and represses the splicing of MAPT/Tau exon 10

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yu-Meng Sun	31387917	Blood	RIP
Juan Wang	35003358	J Cancer	WB,RIP
Li Wang	36255739	Hum Mol Genet	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.

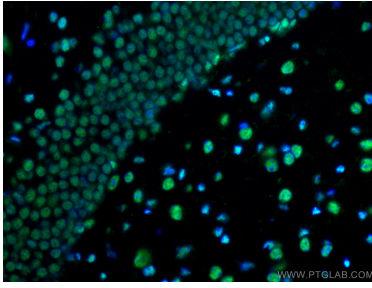
For technical support and original validation data for this product please contact:

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

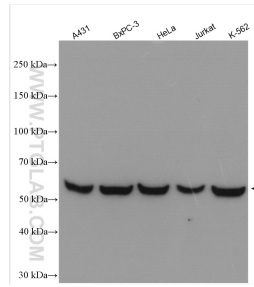
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

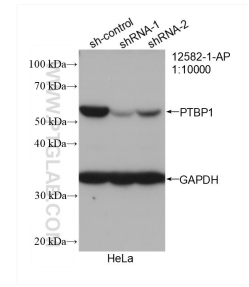
## Données de validation sélectionnées



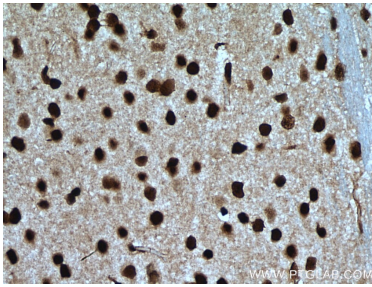
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 12582-1-AP (PTBP1 antibody), at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



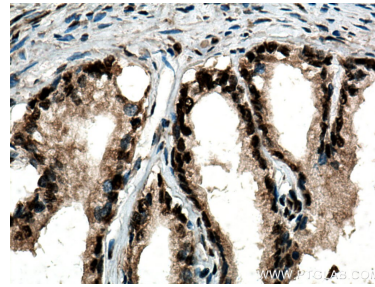
Various lysates were subjected to SDS PAGE followed by western blot with 12582-1-AP (PTBP1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



WB result of PTBP1 antibody (12582-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PTBP1 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12582-1-AP (PTBP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 12582-1-AP (PTBP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).