

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-BDNF



Numéro de catalogue: 28205-1-AP

97 Publications

## Informations de base

<b>Numéro de catalogue:</b> 28205-1-AP	<b>Numéro d'acquisition GenBank:</b> BC029795	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 627	<b>Dilutions recommandées:</b> WB 1:500-1:2000 IHC 1:200-1:800 IF 1:200-1:800
<b>Hôte:</b> Lapin	<b>Nom complet:</b> brain-derived neurotrophic factor	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 247 aa, 28 kDa	
<b>Immunogen Catalog Number:</b> AG28276	<b>MW observés:</b> 28-30 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, IHC, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, rat, souris

### Contrôles positifs:

WB : cellules C6, cellules PC-12, cellules SH-SY5Y

IHC : tissu de gliome humain, tissu cérébral de souris, tissu de cervelet de souris

IF : cellules PC-12,

**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

BDNF is a member of the family of neurotrophic factors. It was first explored and purified from pig brain in 1982, and other members of the neurotrophin family were successively discovered. BDNF is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of BDNF is reduced in both Alzheimer's and Huntington disease patients. It participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. It also plays a role in the regulation of stress response and in the biology of mood disorders. The BDNF gene is rather complex in its structure and it can express five different mRNA isoforms by alternative splicing, producing 28-37 kDa proteins.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoyan Liu	31574948	Int J Mol Sci	IF
Minghao Yao	31355388	Biomater Sci	WB
Weiping Xiao	36100045	Exp Neurol	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.

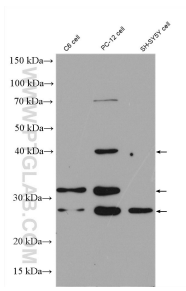
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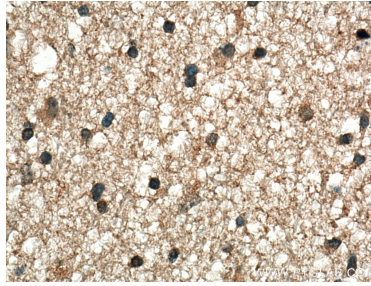
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Données de validation sélectionnées



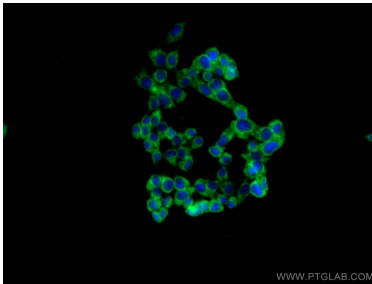
Various lysates were subjected to SDS PAGE followed by western blot with 28205-1-AP (BDNF antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 28205-1-AP (BDNF antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 28205-1-AP (BDNF antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed PC-12 cells using BDNF antibody (28205-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).