

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-BDNF



Numéro de catalogue: 25699-1-AP

Phare

27 Publications

Informations de base

Numéro de catalogue:

25699-1-AP

Taille:

150ul, Concentration: 293 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG22489

Numéro d'acquisition GenBank:

BC029795

Identification du gène (NCBI):

627

Nom complet:

brain-derived neurotrophic factor

MW calculé

247 aa, 28 kDa

MW observés:

28 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:200-1:1000

Applications

Applications testées:

WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat

Espèces citées:

Humain, rat, souris, Macaque

Contrôles positifs:

WB : tissu cérébral humain fœtal, cellules U-251, tissu cérébral de rat

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 four different mRNA isoforms by alternative splicing, producing 28-37 kDa proteins.

Publications notables

Autrice	Pubmed ID	Journal	Application
John H Brock	26414795	J Neurotrauma	IHC
Wu WenBo	28952006	Neurochem Res	WB, IHC
Chenxia Sheng	29057264	Biomed Res Int	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 -20°C

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

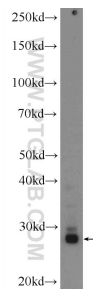
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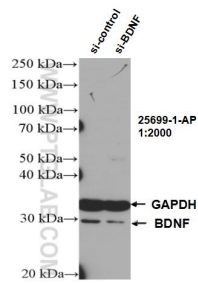
E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



fetal human brain tissue was subjected to SDS PAGE followed by western blot with 25699-1-AP (BDNF Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



WB result of BDNF antibody (25699-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-BDNF transfected U-251 cells.