

À des fins de recherche uniquement

Anticorps Monoclonal anti-BDNF

Numéro de catalogue: 66292-1-Ig **27 Publications**



Informations de base

Numéro de catalogue: 66292-1-Ig	Numéro d'acquisition GenBank: BC029795	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2000 µg/ml by 627 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 627	CloneNo.: 1E5C5
Hôte: Mouse	Nom complet: brain-derived neurotrophic factor	Dilutions recommandées: WB 1:1000-1:4000 IF 1:400-1:1600
Isotype: IgG2a	MW calculé: 247 aa, 28 kDa	
Immunogen Catalog Number: AG11329	MW observés: 32 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs:
Demandes citées: FC, IF, IHC, WB	WB : cellules U-251, cellules C6, tissu cérébral humain foetal
Spécificité de l'espèce: Humain	IF : cellules U-251,
Espèces citées: Humain, poisson-zèbre	

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 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
Zhenbo Liu	30542392	Exp Ther Med	WB
Yingying Wang	36174863	Int J Biol Macromol	WB
Ruyi Zhang	30259256	Neurochem Res	WB

Stockage

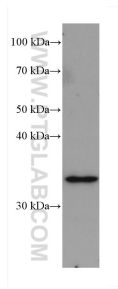
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

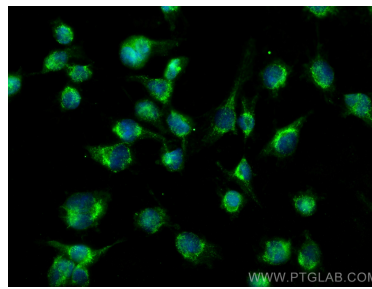
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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Données de validation sélectionnées



U-251 cells were subjected to SDS PAGE followed by western blot with 66292-1-Ig (BDNF antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U-251 cells using BDNF antibody (66292-1-Ig, Clone: 1E5C5) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).