

Allgemeine Informationen

Katalog-Nr.: 66292-1-Ig	GenBank-Zugangsnummer: BC029795	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2000 µg/ml von627 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 150000	CloneNo.: 1E5C5
Wirt: Maus	Vollständiger Name: brain-derived neurotrophic factor	Empfohlene Verdünnungen: WB 1:1000-1:4000 IF 1:400-1:1600
Isotyp: IgG2a	Berechnete Masse: 247 aa, 28 kDa	
Immunogen Katalognummer: AG11329	Beobachtete Masse: 32 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB : U-251-Zellen, C6-Zellen, fetales humanes Hirngewebe IF : U-251-Zellen,
In Publikationen genannte Anwendungen: FC, IF, IHC, WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Zebrafisch	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhenbo Liu	30542392	Exp Ther Med	WB
Yingying Wang	36174863	Int J Biol Macromol	WB
Ruyi Zhang	30259256	Neurochem Res	WB

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

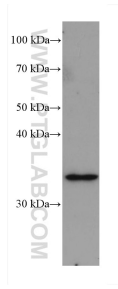
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

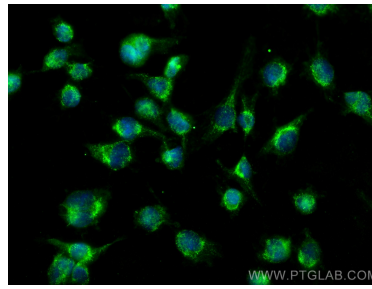
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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Ausgewählte Validierungsdaten



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).