

Nur für Forschungszwecke

BDNF Polyklonaler Antikörper

Katalog-Nr.: 28205-1-AP

88 Publikationen



Allgemeine Informationen

Katalog-Nr.: 28205-1-AP	GenBank-Zugangsnummer: BC029795	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 627	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:200-1:800 IF 1:200-1:800
Wirt: Kaninchen	Vollständiger Name: brain-derived neurotrophic factor	
Isotyp: IgG	Berechnete Masse: 247 aa, 28 kDa	
Immunogen Katalognummer: AG28276	Beobachtete Masse: 28-30 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : C6-Zellen, PC-12-Zellen, SH-SY5Y-Zellen
In Publikationen genannte Anwendungen: IF, IHC, WB	IHC : humanes Gliomgewebe, Maus-Cerebellum-Gewebe, Maushirngewebe
Getestete Reaktivität: Human, Maus, Ratte	IF : PC-12-Zellen,
Zitierte Arten: Human, Maus, Ratte	

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

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 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.

Bemerkenswerte Veröffentlichungen

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

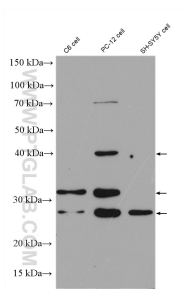
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

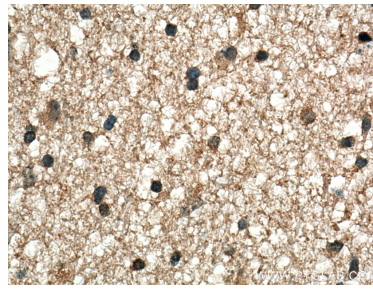
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



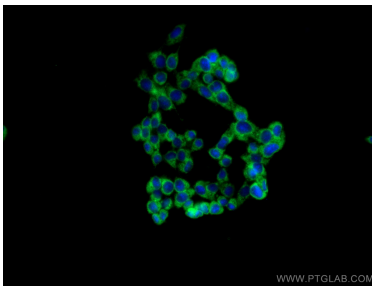
Various lysates were subjected to SDS PAGE followed by western blot with 28205-1-AP (BDNF antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).