

Nur für Forschungszwecke

BDNF Polyklonaler Antikörper

Katalog-Nr.: 25699-1-AP

Vorgestelltes Produkt

27 Publikationen



Allgemeine Informationen

Katalog-Nr.:
25699-1-AP

Größe:
150ul, Konzentration: 293 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG22489

GenBank-Zugangsnummer:
BC029795

GeneID (NCBI):
627

Vollständiger Name:
brain-derived neurotrophic factor

Berechnete Masse:
247 aa, 28 kDa

Beobachtete Masse:
28 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:200-1:1000

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Ratte

Zitierte Arten:

Human, Maus, Ratte, Makake

Positivkontrollen:

WB: fetales humanes Hirngewebe, Rattenhirngewebe,
U-251-Zellen

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

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
John H Brock	26414795	J Neurotrauma	IHC
Wu WenBo	28952006	Neurochem Res	WB, IHC
Chenxia Sheng	29057264	Biomed Res Int	WB, IHC

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

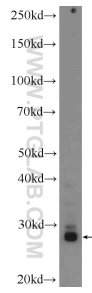
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

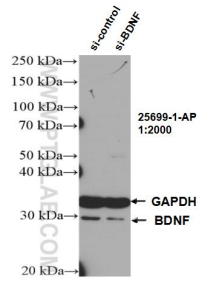
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



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.