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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BDNF purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000627-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human BDNF protein.

Immunogen: BDNF (NP_733927.1, 1 a.a. ~ 255 a.a) full-length human protein.

Sequence:
 MFHQVRRVMTILFLTMVISYFGCMKAAPMKEANIRGQGGLAYPGVIRTHG
 TLESVNGPKAGSRGLTSLADTFEHVIEELLDEDQKVRPNEENNKDADLYT
 SRVMLSSQVPLEPPLFLLEEYKNYLDAANMSMRVRRHSDPARRGELSV
 CDSISEWWTAADKKTAVDMSGGTVTVLEKVPVSKGQLKQYFYETKCNP
 MGYTKEGCRGIDKRHWNSQCRTTQSYVRALTMDSKKRIGWRFIRIDTSC
 VCTLTIKRGR

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

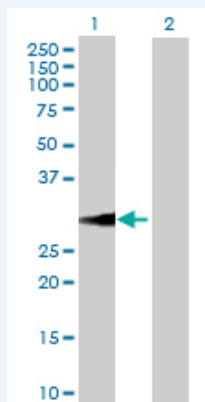
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)



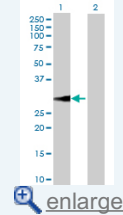
Western Blot analysis of BDNF expression in transfected 293T cell line ([H00000627-T02](#)) by BDNF MaxPab polyclonal antibody.

Lane 1: BDNF transfected lysate(28.90 KDa).
 Lane 2: Non-transfected lysate.

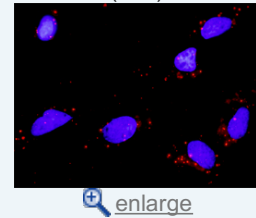
[Protocol Download](#)

Application Image

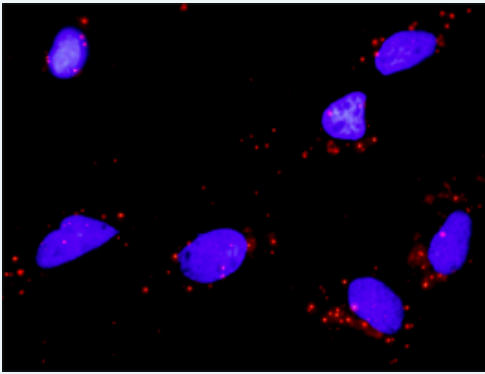
Western Blot (Transfected lysate)



In situ Proximity Ligation Assay (Cell)



In situ Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between BDNF and NTF4. HeLa cells were stained with anti-BDNF rabbit purified polyclonal 1:1200 and anti-NTF4 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [627](#)

GeneBank Accession#: [NM_170731](#)

Protein Accession#: [NP_733927.1](#)

Gene Name: BDNF

Gene Alias: MGC34632

Gene Description: brain-derived neurotrophic factor

Omim ID: [113505](#), [164230](#), [209880](#), [606788](#), [607499](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of this gene is reduced in both Alzheimer's and Huntington disease patients. This gene may play a role in the regulation of stress response and in the biology of mood disorders. Multiple transcript variants encoding distinct isoforms have been described for this gene. [provided by RefSeq]

Other Designations: neurotrophin

Gene Pathway

[Huntington's disease](#) [MAPK signaling pathway](#) [Neurotrophin signaling pathway](#)

Related Disease

[Agoraphobia](#) [Akathisia](#) [Drug-Induced Alcoholism](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Amnesia](#) [Amnesia, Transient Global Amphetamine-Related Disorders](#) [Angina](#) [Unstable](#) [Anorexia](#) [Anorexia Nervosa](#) [Anoxia](#) [Anxiety Disorders](#) [Arousal](#) [Asperger Syndrome](#) [Asthma](#) [Asthma](#) [Atherosclerosis](#) [Atrophy](#)

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