

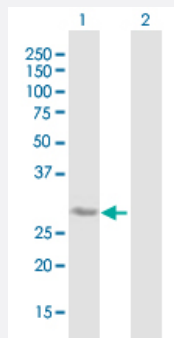
MaxPab®

BDNF purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000627-B02P

Size 50 ug

Applications

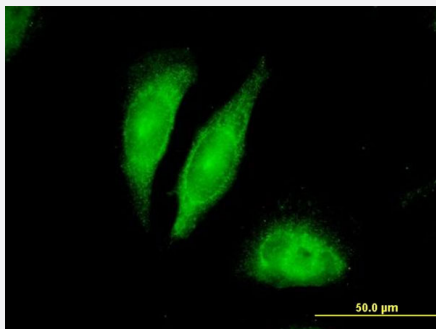


Western Blot (Transfected lysate)

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

Lane 1: BDNF transfected lysate(28.05 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to BDNF on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse 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	MFHQVRRVMTILFLTMVISYFGCMKAAPMKEANIRGQGGLAYPGVIRTHGTLESVNGPKAGSRGLT SLADTFEHVIEELLEDQKVRPNEENNKDADLYTSRVMSSQVPLEPPLFLLEEYKNYLDAANM SMRVRRHSDPARRGELSVCDSEWVTAADKKTAVDMSGGTVTVLEKVPVSKGQLKQFYETK CNPMGYTKEGCRGIDKRHWNSQCRTTQSYVRALTMDSSKKRIGWRFIRIDTSCVCTLTIKRGR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (97); Rat (97)
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.

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(28.05 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to BDNF on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — BDNF

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]
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Pathway

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Agoraphobia](#)
- [Akathisia](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Amnesia](#)
- [Amphetamine-Related Disorders](#)
- [Angina](#)
- [Anorexia](#)
- [Anorexia Nervosa](#)
- [Anoxia](#)
- [Anxiety Disorders](#)
- [Arousal](#)
- [Asperger Syndrome](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)

- [Avoidance Learning](#)
- [Basal Ganglia Diseases](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Borderline Personality Disorder](#)
- [Brain Injuries](#)
- [Brain Ischemia](#)
- [Bulimia](#)
- [Bulimia Nervosa](#)
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- [Cerebrovascular Accident](#)
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- [Cognition](#)
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- [Cues](#)
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- [Depression](#)
- [Depressive Disorder](#)
- [Dermatitis](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
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- [Electroconvulsive Therapy](#)
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- [Epilepsy](#)
- [Executive Function](#)
- [Extinction](#)
- [Failure to Thrive](#)
- [Fragile X syndrome](#)
- [Functional Laterality](#)
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- [Genetics](#)
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- [Lewy Body Disease](#)
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- [Mental Retardation](#)
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- [Migraine Disorders](#)
- [Mitral Valve Prolapse](#)
- [MMPI](#)

- [Mood Disorders](#)
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- [Paranoid Disorders](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Pattern Recognition](#)
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- [Personality Disorders](#)

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- [Schizophrenic Psychology](#)
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- [Stress Disorders](#)
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- [Substance-Related Disorders](#)
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- [Tobacco Use Disorder](#)
- [Torticollis](#)
- [Tourette Syndrome](#)
- [Verbal Learning](#)
- [Wechsler Scales](#)
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- [Weight Loss](#)
- [Werner syndrome](#)