

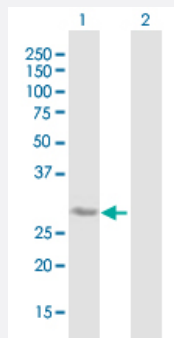
MaxPab®

BDNF purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000627-B02P

Size 50 ug

Applications

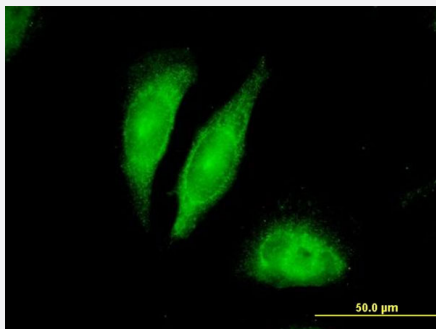


Western Blot (Transfected lysate)

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	MFHQVRRVMTILFLTMVISYFGCMKAAPMKEANIRGQGGLAYPGVVRTHGTLESVNGPKAGSRGLT SLADTFEHVIEELLEDQKVRPNEENNKDADLYTSRVMSSQVPLEPPLFLLEEYKNYLDAANM SMRVRRHSDPARRGELSVCDSEWVTAADKKTAVDMSGGTVTVLEKVPVSKGQLKQFYETK CNPMGYTKEGCRGIDKRHWNSQCRTTQSYVRALTMDSSKKRIGWRFRIDTSCVCTLTIKRGR
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

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[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]

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](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Chromosome Aberrations](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Conditioning](#)
- [Conditioning \(Psychology\)](#)
- [Coronary Artery Disease](#)
- [Cues](#)
- [Decision Making](#)
- [Depression](#)
- [Depressive Disorder](#)
- [Dermatitis](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Discrimination \(Psychology\)](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Dominance](#)
- [Dyskinesia](#)
- [Dysthymic Disorder](#)
- [Dystonic Disorders](#)
- [Eating Disorders](#)
- [Edema](#)
- [Electroconvulsive Therapy](#)
- [Epilepsies](#)
- [Epilepsy](#)
- [Executive Function](#)
- [Extinction](#)
- [Failure to Thrive](#)
- [Fragile X syndrome](#)
- [Functional Laterality](#)
- [Galvanic Skin Response](#)
- [Gambling](#)
- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Granuloma](#)
- [Hallucinations](#)

- [Headache](#)
- [Heroin Dependence](#)
- [Huntington disease](#)
- [Hypercholesterolemia](#)
- [Hyperphagia](#)
- [Hypertension](#)
- [Inhibition \(Psychology\)](#)
- [Intelligence Tests](#)
- [Intervertebral Disk Displacement](#)
- [Learning](#)
- [Leukoencephalopathies](#)
- [Lewy Body Disease](#)
- [Lupus Erythematosus](#)
- [Lupus Vasculitis](#)
- [Memory](#)
- [Memory Disorders](#)
- [Mental Disorders](#)
- [Mental Processes](#)
- [Mental Recall](#)
- [Mental Retardation](#)
- [Mental Status Schedule](#)
- [Mercury Poisoning](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Mitral Valve Prolapse](#)
- [MMPI](#)

- [Mood Disorders](#)
- [Motor Skills](#)
- [Multiple Sclerosis](#)
- [Multiple System Atrophy](#)
- [Myopia](#)
- [NARP](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Neurotic Disorders](#)
- [Obesity](#)
- [Obsessive-Compulsive Disorder](#)
- [Obstetric Labor Complications](#)
- [Opioid-Related Disorders](#)
- [Orientation](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Pain](#)
- [Panic Disorder](#)
- [Paranoid Disorders](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Pattern Recognition](#)
- [Perception](#)
- [Personality Assessment](#)
- [Personality Disorders](#)

- [Personality Inventory](#)
- [Personality Tests](#)
- [Pick Disease of the Brain](#)
- [Polycystic Ovary Syndrome](#)
- [Polyradiculoneuropathy](#)
- [Postmortem Changes](#)
- [Prenatal Exposure Delayed Effects](#)
- [Problem Solving](#)
- [Psychiatric Status Rating Scales](#)
- [Psychoacoustics](#)
- [Psychological Tests](#)
- [Psychometrics](#)
- [Psychomotor Performance](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Reaction Time](#)
- [Recognition \(Psychology\)](#)
- [Recurrence](#)
- [Rett syndrome](#)
- [Reward](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
- [Sciatica](#)
- [Seizures](#)

- [Serial Learning](#)
- [Sleep Apnea](#)
- [Sleep Disorders](#)
- [Social Perception](#)
- [Startle Reaction](#)
- [Stress](#)
- [Stress Disorders](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Substance-Related Disorders](#)
- [Syndrome](#)
- [Thinking](#)
- [Thrombophilia](#)
- [Tic Disorders](#)
- [Tobacco Use Disorder](#)
- [Torticollis](#)
- [Tourette Syndrome](#)
- [Verbal Learning](#)
- [Wechsler Scales](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)