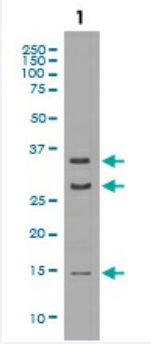
BDNF monoclonal antibody, clone BEH-2

Catalog # MAB19611 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Human cerebellum lysate with BDNF monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human BDNF.
Immunogen	A synthetic peptide corresponding to human BDNF.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

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Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western blot analysis of Human cerebellum lysate with BDNF monoclonal antibody.

Gene Info — BDNF

Entrez GeneID	627
Protein Accession#	P23560
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 c ortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of this gen e is reduced in both Alzheimer's and Huntington disease patients. This gene may play a role in th e regulation of stress response and in the biology of mood disorders. Multiple transcript variants e ncoding distinct isoforms have been described for this gene. [provided by RefSeq
Other Designations	neurotrophin

Pathway

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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