

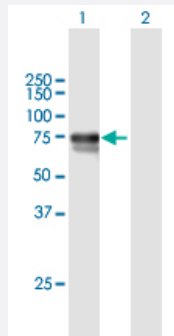
MaxPab®

DBH purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001621-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DBH expression in transfected 293T cell line ([H00001621-T01](#)) by DBH MaxPab polyclonal antibody.

Lane 1: DBH transfected lysate(66.33 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human DBH protein.

Immunogen

DBH (ABW03484.1, 1 a.a. ~ 603 a.a) full-length human protein.

Sequence

MREAAFMYSTAVAIFLVILVAALQGSAPRESPLPYHIPLDPEGSLELSWNVSYTQEAIHFQLLVRRL
KAGVLFGMSDRGELENADLVVLWTDGDTAYFADAWSDQKGQIHLDPQQDYQLLQVQRTPEGLT
LLFKRPFGTCDPKDYLIEDGTVHLVYGILEEPFRSLEAINGSLQMGLQRVQLLKPNIPEPELPSDA
CTMEVQAPNIQIPSQETTYWCYIKELPKGFSRHHIIKYEPVTKGNEALVHHMEVFQCAPEMDSVPH
FSGPCDSKMKPDRLNYCRHVLAAWALGAKAFYYPEEAGLAFGGPGSSRYLRLEVHYHNPLVIEG
RNDSSGIRLYYTAKLRRFNAGIMELGLVYTPVMAIPPRETAFILTGCTDKCTQLALPPSGIHIFASQL
HTHLTGRKVVTVLVRDGREWEIVNQDNHYSPhfQEIRMLKKVSVHHPGDVLITSCTYNTEDRELAT
VGGFGILEEMCVNYVHYYPQTQLELCKSAVDAGFLQKYFHLINRFNNEVDCTCPQASVSQQFTSV
PWNSFNRDVLKALYSFAPISMHCNKSSAVRFQGEWNLQPLPKVISTLEEPTQCPTSQGRSPAG
PTVVSIGGGKG

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (81)

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](#)

Gene Info — DBH

Entrez GeneID	1621
GeneBank Accession#	EU176683.1
Protein Accession#	ABW03484.1
Gene Name	DBH
Gene Alias	DBM
Gene Description	dopamine beta-hydroxylase (dopamine beta-monooxygenase)
Omim ID	168600 223360 609312
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an oxidoreductase belonging to the copper type II, ascorbate-dependent monooxygenase family. It is present in the synaptic vesicles of postganglionic sympathetic neurons and converts dopamine to norepinephrine. It exists in both soluble and membrane-bound forms, depending on the absence or presence, respectively, of a signal peptide. [provided by RefSeq]
Other Designations	dopamine beta-hydroxylase

Pathway

- [Metabolic pathways](#)
- [Tyrosine metabolism](#)

Disease

- [Alcohol Withdrawal Delirium](#)
- [Alcohol-Induced Disorders](#)
- [Alcoholism](#)
- [Alzheimer Disease](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Asperger Syndrome](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Autonomic Nervous System Diseases](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cocaine-Related Disorders](#)
- [Cognition](#)
- [Combat Disorders](#)
- [Conduct Disorder](#)
- [Cues](#)
- [Depressive Disorder](#)

- [Diabetes Mellitus](#)
- [Discrimination \(Psychology\)](#)
- [Disease Models](#)
- [Eclampsia](#)
- [Edema](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Judgment](#)
- [Kidney Failure](#)
- [Memory](#)
- [Mental Disorders](#)
- [Mental Status Schedule](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Mood Disorders](#)
- [Multiple Sclerosis](#)
- [Multiple System Atrophy](#)
- [NARP](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Paranoid Disorders](#)

- [Parkinson disease](#)
- [Perceptual Disorders](#)
- [Personality Disorders](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Psychiatric Status Rating Scales](#)
- [Psychological Tests](#)
- [Psychomotor Performance](#)
- [Puberty](#)
- [Reaction Time](#)
- [Recognition \(Psychology\)](#)
- [Reinforcement Schedule](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sensation](#)
- [Space Perception](#)
- [Stress Disorders](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Substance Withdrawal Syndrome](#)
- [Syncope](#)
- [Thrombophilia](#)
- [Time Perception](#)
- [Tobacco Use Disorder](#)

- [Tourette Syndrome](#)
- [Weight Gain](#)