

DBH rabbit monoclonal antibody

Catalog # H00001621-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DBH peptide using ARM Technology.
Immunogen	A synthetic peptide of human DBH is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DBH peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DBH

Entrez GeneID	1621
GeneBank Accession#	DBH
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](#)