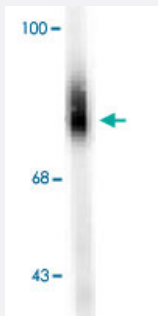


DBH polyclonal antibody

Catalog # PAB9693 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of human adrenal medulla lysate showing specific immunolabeling of the ~75k DBH protein. Using DBH polyclonal antibody (Cat # PAB9693).

Specification

Product Description	Sheep polyclonal antibody raised against synthetic peptide of DBH.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus human DBH.
Host	Sheep
Theoretical MW (kDa)	75
Reactivity	Human, Primates
Form	Liquid
Purification	Affinity purification
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 10% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

Western blot of human adrenal medulla lysate showing specific immunolabeling of the ~75k DBH protein. Using DBH polyclonal antibody (Cat # PAB9693).

Gene Info — DBH

Entrez GeneID [1621](#)

Protein Accession# [P09172](#)

Gene Name DBH

Gene Alias DBM

Gene Description dopamine beta-hydroxylase (dopamine beta-monoxygenase)

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 monoxygenase 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

Publication Reference

- [Striatal dopaminergic and serotonergic markers in human heroin users.](#)

Kish SJ, Kalasinsky KS, Derkach P, Schmunk GA, Guttman M, Ang L, Adams V, Furukawa Y, Haycock JW.

Neuropsychopharmacology: Official Publication of the American College of Neuropsychopharmacology 2001 May; 24(5):561.

- [Stress-triggered activation of gene expression in catecholaminergic systems: dynamics of transcriptional events.](#)

Sabban EL, Kvetnanský R.

Trends in Neurosciences 2001 Feb; 24(2):91.

Application: IHC, WB, Human, Mouse , Brains

- [Quantitation of tyrosine hydroxylase protein in the locus coeruleus from postmortem human brain.](#)

Zhu M, Klimek V, Haycock JW, Ordway GA.

Journal of Neuroscience Methods 2000 Jun; 99(1-2):37.

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](#)