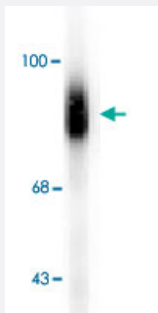


DBH polyclonal antibody

Catalog # PAB9692 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 # PAB9692).

Specification

Product Description	Sheep polyclonal antibody raised against synthetic peptide of DBH.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus human DBH.
Host	Sheep
Theoretical MW (kDa)	75
Reactivity	Human, Mouse, 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 # PAB9692).

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, Kvetnansky 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](#)