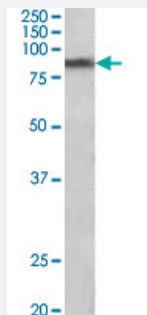


SLC6A3 polyclonal antibody

Catalog # PAB24600 Size 100 ug

Applications



Western Blot (Tissue lysate)

SLC6A3 polyclonal antibody (Cat # PAB24600) (1 ug/mL) staining of human substantia nigra lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SLC6A3.
Immunogen	A synthetic peptide corresponding to near N-terminus of human SLC6A3.
Sequence	C-QLTSSTLTNPRQSP
Host	Goat
Theoretical MW (kDa)	85
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	ELISA (1:4000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — SLC6A3

Entrez GeneID[6531](#)**Protein Accession#**[NP_001035.1](#)**Gene Name**

SLC6A3

Gene Alias

DAT, DAT1

Gene Description

solute carrier family 6 (neurotransmitter transporter, dopamine), member 3

Omim ID[126455](#) [143465](#) [188890](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The dopamine transporter (DAT1) mediates the active reuptake of dopamine from the synapse and is a principal regulator of dopaminergic neurotransmission. The DAT1 gene has been implicated in human disorders such as parkinsonism, Tourette syndrome, and substance abuse (Vandenberg et al., 1992 [PubMed 1359373]).[supplied by OMIM]

Other Designations

dopamine transporter|variable number tandem repeat (VNTR)

Disease

- [Acute Disease](#)

- [Alcohol Withdrawal Delirium](#)

- [Alcohol Withdrawal Seizures](#)
- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Appetite](#)
- [Arousal](#)
- [Association Learning](#)
- [Atrophy](#)
- [Attention](#)
- [Attention Deficit and Disruptive Behavior Disorders](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Auditory Perception](#)
- [Autistic Disorder](#)
- [Avoidance Learning](#)
- [Basal Ganglia Diseases](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Borderline Personality Disorder](#)
- [Brain Injuries](#)
- [Breast Neoplasms](#)
- [Bulimia](#)

- [Bulimia Nervosa](#)
- [Carcinoma](#)
- [Child Behavior Disorders](#)
- [Choice Behavior](#)
- [Chronic Disease](#)
- [Cocaine-Related Disorders](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Conduct Disorder](#)
- [Cues](#)
- [Delirium](#)
- [Depressive Disorder](#)
- [Developmental Disabilities](#)
- [Discrimination \(Psychology\)](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Dominance](#)
- [Dyskinesia](#)
- [Eating Disorders](#)
- [Epilepsy](#)
- [Fibromyalgia](#)
- [Forensic Psychiatry](#)
- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)

- [Genetics](#)
- [Hallucinations](#)
- [Headache](#)
- [Heroin Dependence](#)
- [Hyperalgesia](#)
- [Hypercholesterolemia](#)
- [Impulse Control Disorders](#)
- [Inhibition \(Psychology\)](#)
- [Intelligence Tests](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Memory](#)
- [Mental Disorders](#)
- [Mental Status Schedule](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Mood Disorders](#)
- [NARP](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Obsessive-Compulsive Disorder](#)
- [Ocular Motility Disorders](#)
- [Opioid-Related Disorders](#)
- [Orientation](#)
- [Ovarian cancer](#)

- [Ovarian Failure](#)
- [Overweight](#)
- [Pain Threshold](#)
- [Parkinson disease](#)
- [Perceptual Disorders](#)
- [Personal Autonomy](#)
- [Personality Assessment](#)
- [Personality Disorders](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Polycystic Ovary Syndrome](#)
- [Pregnancy Complications](#)
- [Prenatal Exposure Delayed Effects](#)
- [Psychiatric Status Rating Scales](#)
- [Psychological Tests](#)
- [Psychology](#)
- [Psychometrics](#)
- [Psychomotor Performance](#)
- [Psychopathology](#)
- [Psychoses](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Reaction Time](#)
- [Recognition \(Psychology\)](#)
- [Reinforcement \(Psychology\)](#)
- [Reward](#)

- [Satiety Response](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
- [Seizures](#)
- [Sensation](#)
- [Set \(Psychology\)](#)
- [Sexual Dysfunction](#)
- [Sleep](#)
- [Space Perception](#)
- [Startle Reaction](#)
- [Stress Disorders](#)
- [Stuttering](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Sudden Infant Death](#)
- [Thrombophilia](#)
- [Tic Disorders](#)
- [Tics](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)
- [Urinary Bladder Neoplasms](#)
- [Visual Perception](#)
- [Wechsler Scales](#)
- [Weight Gain](#)
- [Weight Loss](#)

- [Werner syndrome](#)
- [Wounds and Injuries](#)