

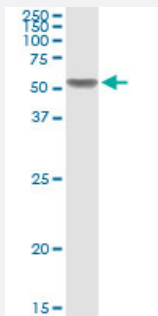
MaxPab®

SLC6A3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006531-D01P

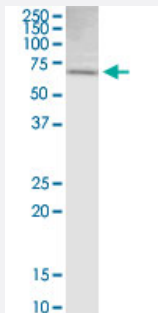
Size 100 ug

Applications



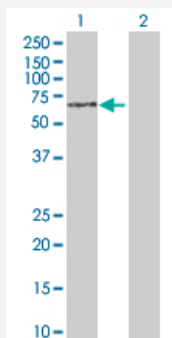
Western Blot (Tissue lysate)

SLC6A3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC6A3 expression in rat brain.



Western Blot (Cell lysate)

SLC6A3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC6A3 expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of SLC6A3 expression in transfected 293T cell line ([H00006531-T02](#)) by SLC6A3 MaxPab polyclonal antibody.

Lane 1: SLC6A3 transfected lysate(68.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SLC6A3 protein.

Immunogen	SLC6A3 (NP_001035.1, 1 a.a. ~ 620 a.a) full-length human protein.
Sequence	MSKSKCSVGLMSSVVAPAKEPNAVGPKEVELILVKEQNGVQLTSSTLTNPRQSPVEAQDRETW GKKIDFLLSVIGFAVDLANVWRFPYLCYKNGGGAFLVPYLLFMVIAGMPLFYMELALGQFNREGAA GVWKICPILKGVGFTVILISLYVGGFYNVIIAWALHYLFSSFTTELPWIHCNNSWNSPNCSDAHPGDS SGDSSGLNDFTFGTTPAAEYFERGVLHLHQSHGIDDLGPPRWQLTACLVLVIVLLYFSLWKGVKTS GKVVWITATMPYVVL TALLRGVTLPGAIDGIRAYLSVDFYRLCEASVWIDAATQVCFSLGVGFGVL IAFSSYNKFTNNCYRDANVTTSINSLTSFSSGFVVSFLGYMAQKHSVPIGDVAKDGPGLIFIYPEAIA TLPLSSAWAVVFFIMLLTLGIDSAMGGMESVITGLIDFQLLHRHRELFRLFVLFATFLLSLFCVTNGG IVFTLLDHFAAGTSILFGVLIEAIGVAWFYGVGGFSDDIQMTGQRPSLYWRLCWKLVSFCFLLFV VVVSIVTFRPPHYGAYIFPDWANALGWVIATSSMAMVPIYAAKYFCSLPGSFREKLAYAIAPEKDRE LVDRGEVRQFTLRHWLKV
Host	Rabbit
Reactivity	Human, Rat
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

- Western Blot (Tissue lysate)

SLC6A3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC6A3 expression in rat brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

SLC6A3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC6A3 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SLC6A3 expression in transfected 293T cell line ([H00006531-T02](#)) by SLC6A3 MaxPab polyclonal antibody.

Lane 1: SLC6A3 transfected lysate(68.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SLC6A3

Entrez GeneID	6531
GeneBank Accession#	NM_001044.2
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](#)