

SLC6A4 rabbit monoclonal antibody

Catalog # H00006532-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC6A4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC6A4 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 SLC6A4 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 — SLC6A4

Entrez GeneID	6532
GeneBank Accession#	SLC6A4
Gene Name	SLC6A4
Gene Alias	5-HTT, 5HTT, HTT, OCD1, SERT, hSERT
Gene Description	solute carrier family 6 (neurotransmitter transporter, serotonin), member 4
Omim ID	164230 182138 607834
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an integral membrane protein that transports the neurotransmitter serotonin from synaptic spaces into presynaptic neurons. The encoded protein terminates the action of serotonin and recycles it in a sodium-dependent manner. This protein is a target of psychomotor stimulants, such as amphetamines and cocaine, and is a member of the sodium:neurotransmitter symporter family. A repeat length polymorphism in the promoter of this gene has been shown to affect the rate of serotonin uptake and may play a role in sudden infant death syndrome, aggressive behavior in Alzheimer disease patients, and depression-susceptibility in people experiencing emotional trauma. [provided by RefSeq]
Other Designations	5-hydroxytryptamine transporter 5HT transporter Na ⁺ /Cl ⁻ dependent serotonin transporter serotonin transporter sodium-dependent serotonin transporter solute carrier family 6 member 4

Disease

- [Achievement](#)
- [Acute Disease](#)
- [Adolescent Psychology](#)
- [Agoraphobia](#)
- [Akathisia](#)
- [Alcohol Withdrawal Delirium](#)
- [Alcoholic Intoxication](#)
- [Alcoholism](#)

- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Amyloid Neuropathies](#)
- [Anorexia Nervosa](#)
- [Anoxemia](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Appetite](#)
- [Aptitude](#)
- [Arousal](#)
- [Asperger Syndrome](#)
- [Association Learning](#)
- [Asthma](#)
- [Atrophy](#)
- [Attention](#)
- [Attention Deficit and Disruptive Behavior Disorders](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Auditory Perception](#)
- [Autistic Disorder](#)
- [Avoidance Learning](#)
- [Awareness](#)
- [Basal Ganglia Diseases](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)
- [Blushing](#)

- [Borderline Personality Disorder](#)
- [Brain Injuries](#)
- [Brain Ischemia](#)
- [Breast Neoplasms](#)
- [Brief Psychiatric Rating Scale](#)
- [Bulimia](#)
- [Bulimia Nervosa](#)
- [Burning Mouth Syndrome](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Accident](#)
- [Child Behavior Disorders](#)
- [Child Development Disorders](#)
- [Child Psychology](#)
- [Choice Behavior](#)
- [Chromosome Deletion](#)
- [Chronic Disease](#)
- [Cocaine-Related Disorders](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Cognitive Therapy](#)
- [Colonic Diseases](#)
- [Colorectal Neoplasms](#)
- [Community-Acquired Infections](#)
- [Compulsive Personality Disorder](#)
- [Conditioning](#)

- [Conduct Disorder](#)
- [Connective Tissue Diseases](#)
- [Constipation](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Counseling](#)
- [Creativeness](#)
- [Cues](#)
- [Deafness](#)
- [Decision Making](#)
- [Dementia](#)
- [Depression](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diarrhea](#)
- [Discrimination \(Psychology\)](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Dissociative Disorders](#)
- [Down Syndrome](#)
- [Dyskinesia](#)

- [Dyspepsia](#)
- [Dysthymic Disorder](#)
- [Eating Disorders](#)
- [Edema](#)
- [Epilepsy](#)
- [Executive Function](#)
- [Extraversion \(Psychology\)](#)
- [Fatigue](#)
- [Fatigue Syndrome](#)
- [Fetal Death](#)
- [Fetal Diseases](#)
- [Fibromyalgia](#)
- [Fragile X syndrome](#)
- [Functional Laterality](#)
- [Galvanic Skin Response](#)
- [Gambling](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Gingival Hemorrhage](#)
- [Goiter](#)
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- [Hearing Disorders](#)
- [Hearing Loss](#)
- [Heart Diseases](#)

- [Heart Failure](#)
- [Heart Septal Defects](#)
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- [Inhibition \(Psychology\)](#)
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- [Interview](#)
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- [Marijuana Abuse](#)
- [Memory](#)
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- [Mental Disorders](#)
- [Mental Health](#)
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- [Mental Processes](#)
- [Mental Recall](#)
- [Mental Retardation](#)
- [Mercury Poisoning](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Migraine without Aura](#)
- [MMPI](#)
- [Mood Disorders](#)
- [Motor Skills](#)
- [Multiple Chemical Sensitivity](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [NARP](#)
- [Nausea](#)
- [Neoplasms](#)
- [Neurodermatitis](#)
- [Neurofibromatosis](#)

- [Neurofibromatosis 1](#)
- [Neuropsychological Tests](#)
- [Neurotic Disorders](#)
- [Neurotoxicity Syndromes](#)
- [Obesity](#)
- [Object Attachment](#)
- [Obsessive-Compulsive Disorder](#)
- [Obstetric Labor Complications](#)
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- [Opioid-Related Disorders](#)
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- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Pain](#)
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- [Paired-Associate Learning](#)
- [Panic Disorder](#)
- [Parkinson disease](#)
- [Pattern Recognition](#)
- [Perception](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Personal Autonomy](#)
- [Personality Assessment](#)

- [Personality Disorders](#)
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- [Premature Birth](#)
- [Premenstrual Syndrome](#)
- [Prenatal Exposure Delayed Effects](#)
- [Probability Learning](#)
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- [Psychiatric Status Rating Scales](#)
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- [Psychomotor Agitation](#)
- [Psychomotor Performance](#)
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- [Psychophysiologic Disorders](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Puberty](#)
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- [Pulmonary Disease](#)

- [Raynaud Disease](#)
- [Reaction Time](#)
- [Reactive Attachment Disorder](#)
- [Recognition \(Psychology\)](#)
- [Recurrence](#)
- [Reinforcement \(Psychology\)](#)
- [Resilience](#)
- [Respiration Disorders](#)
- [Reward](#)
- [Satiation](#)
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- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
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- [Scleroderma](#)
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- [Skin Diseases](#)
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- [Sleep Apnea Syndromes](#)

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- [Sleep Disorders](#)
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- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
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