

DRD2 rabbit monoclonal antibody

Catalog # H00001813-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DRD2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DRD2 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 DRD2 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 — DRD2

Entrez GeneID	1813
GeneBank Accession#	DRD2
Gene Name	DRD2
Gene Alias	D2DR, D2R
Gene Description	dopamine receptor D2
Omim ID	126450 159900
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the D2 subtype of the dopamine receptor. This G-protein coupled receptor inhibits adenylyl cyclase activity. A missense mutation in this gene causes myoclonus dystonia; other mutations have been associated with schizophrenia. Alternative splicing of this gene results in two transcript variants encoding different isoforms. A third variant has been described, but it has not been determined whether this form is normal or due to aberrant splicing. [provided by RefSeq]
Other Designations	dopamine receptor D2 isoform seven transmembrane helix receptor

Pathway

- [Gap junction](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Adenoma](#)
- [Adolescent Psychology](#)
- [Akathisia](#)
- [Alcohol Withdrawal Delirium](#)

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

- [Brief Psychiatric Rating Scale](#)
- [Bulimia](#)
- [Bulimia Nervosa](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Child Behavior Disorders](#)
- [Child Development Disorders](#)
- [Choice Behavior](#)
- [Chromosome Deletion](#)
- [Cocaine-Related Disorders](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Combat Disorders](#)
- [Conditioning](#)
- [Conditioning \(Psychology\)](#)
- [Conduct Disorder](#)
- [Counseling](#)
- [Creativeness](#)
- [Crohn Disease](#)
- [Cues](#)
- [Decision Making](#)
- [Delirium](#)
- [Depressive Disorder](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Discrimination \(Psychology\)](#)
- [Discrimination Learning](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Disorders of Excessive Somnolence](#)
- [Dyskinesia](#)
- [Dystonia](#)
- [Eating Disorders](#)
- [Edema](#)
- [Electroconvulsive Therapy](#)
- [Electroshock](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Extinction](#)
- [Extraversion \(Psychology\)](#)
- [Functional Laterality](#)
- [Galvanic Skin Response](#)
- [Gambling](#)
- [Gastroparesis](#)
- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Glomerulonephritis](#)

- [Hallucinations](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis C](#)
- [Heroin Dependence](#)
- [Hypercholesterolemia](#)
- [Hyperphagia](#)
- [Hyperprolactinemia](#)
- [Hypertension](#)
- [Hypokinesia](#)
- [Imagination](#)
- [Impulse Control Disorders](#)
- [Inhibition \(Psychology\)](#)
- [Intelligence Tests](#)
- [Interview](#)
- [Language Tests](#)
- [Laryngeal Neoplasms](#)
- [Learning](#)
- [Leiomyoma](#)
- [Liver Cirrhosis](#)
- [Low Back Pain](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Malnutrition](#)
- [Marijuana Abuse](#)
- [Memory](#)
- [Memory Disorders](#)

- [Mental Disorders](#)
- [Mental Processes](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Migraine without Aura](#)
- [Mood Disorders](#)
- [Mouth Neoplasms](#)
- [Muscle Rigidity](#)
- [Narcolepsy](#)
- [NARP](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Nervous System Diseases](#)
- [Neuroleptic Malignant Syndrome](#)
- [Neuropsychological Tests](#)
- [Neurotoxicity Syndromes](#)
- [Obesity](#)
- [Object Attachment](#)
- [Obsessive-Compulsive Disorder](#)
- [Opioid-Related Disorders](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Pain](#)

- [Panic Disorder](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Pattern Recognition](#)
- [Personal Construct Theory](#)
- [Personality Assessment](#)
- [Personality Disorders](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Pharyngeal Neoplasms](#)
- [Pituitary Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Postmortem Changes](#)
- [Postoperative Nausea and Vomiting](#)
- [Prenatal Exposure Delayed Effects](#)
- [Probability Learning](#)
- [Problem Solving](#)
- [Psychiatric Status Rating Scales](#)
- [Psychological Tests](#)
- [Psychometrics](#)
- [Psychomotor Performance](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Reaction Time](#)

- [Recognition \(Psychology\)](#)
- [Recurrence](#)
- [Reinforcement \(Psychology\)](#)
- [Renal Insufficiency](#)
- [Restless Legs Syndrome](#)
- [Reward](#)
- [Satiety Response](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
- [Sciatica](#)
- [Sensation](#)
- [Serial Learning](#)
- [Set \(Psychology\)](#)
- [Sleep Deprivation](#)
- [Startle Reaction](#)
- [Stomach Neoplasms](#)
- [Stress](#)
- [Stress Disorders](#)
- [Stuttering](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Taste](#)
- [Thrombophilia](#)
- [Tic Disorders](#)
- [Tobacco Use Disorder](#)

- [Tourette Syndrome](#)
- [Trail Making Test](#)
- [Tremor](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)
- [Verbal Learning](#)
- [Visual Perception](#)
- [Wechsler Scales](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)
- [Wounds and Injuries](#)