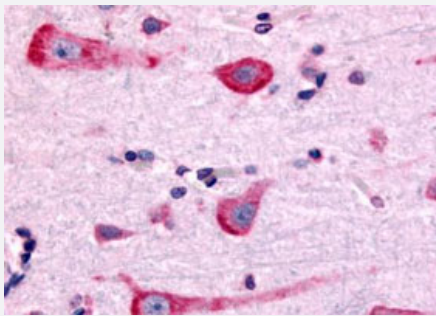


DRD2 polyclonal antibody

Catalog # PAB26231

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human brain, neurons and glia with DRD2 polyclonal antibody (Cat # PAB26231). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DRD2.
Immunogen	A synthetic peptide corresponding to 19 amino acid at cytoplasmic domain of human DRD2.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ZNF57 (42%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — DRD2

Entrez GeneID [1813](#)

Protein Accession# [P14416](#)

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](#)