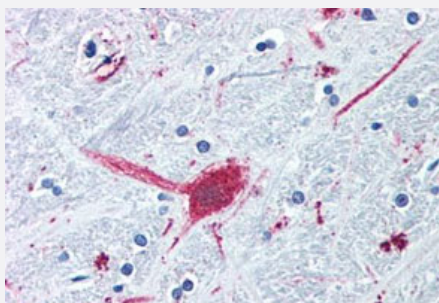


DRD3 polyclonal antibody

Catalog # PAB26230

Size 50 ug

Applications



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human brain, globus pallidus with DRD3 polyclonal antibody (Cat # PAB26230). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DRD3.
Immunogen	A synthetic peptide corresponding to 18 amino acid at cytoplasmic domain of human DRD3.
Host	Rabbit
Reactivity	Dog, Hamster, Horse, Human, Monkey, Mouse, Pig
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (16-32 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

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Gene Info — DRD3

Entrez GeneID [1814](#)

Protein Accession# [P35462](#)

Gene Name DRD3

Gene Alias D3DR, ETM1, FET1, MGC149204, MGC149205

Gene Description dopamine receptor D3

Omim ID [126451](#) [181500](#) [190300](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the D3 subtype of the five (D1-D5) dopamine receptors. The activity of the D3 subtype receptor is mediated by G proteins which inhibit adenylyl cyclase. This receptor is localized to the limbic areas of the brain, which are associated with cognitive, emotional, and endocrine functions. Genetic variation in this gene may be associated with susceptibility to hereditary essential tremor 1. Alternative splicing of this gene results in transcript variants encoding different isoforms, although some variants may be subject to nonsense-mediated decay (NMD). [provided by RefSeq]

Other Designations essential tremor 1

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adolescent Psychology](#)
- [Akathisia](#)
- [Alcohol Withdrawal Seizures](#)
- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)
- [Amnesia](#)
- [Anorexia Nervosa](#)
- [Anovulation](#)
- [Antisocial Personality Disorder](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Basal Ganglia Diseases](#)
- [Bipolar Disorder](#)
- [Breast Neoplasms](#)
- [Brief Psychiatric Rating Scale](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Chronic Disease](#)
- [Cocaine-Related Disorders](#)
- [Cognition](#)
- [Cognition Disorders](#)

- [Colorectal Neoplasms](#)
- [Compulsive Personality Disorder](#)
- [Cues](#)
- [Delirium](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Disease Models](#)
- [Disorders of Excessive Somnolence](#)
- [Dominance](#)
- [Dyskinesia](#)
- [Edema](#)
- [Essential tremor](#)
- [Fibromyalgia](#)
- [Gambling](#)
- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Hallucinations](#)
- [Heroin Dependence](#)
- [Hyperalgesia](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Hypokinesia](#)
- [Impulse Control Disorders](#)
- [Inhibition \(Psychology\)](#)
- [Interview](#)

- [Learning](#)
- [Lymphoma](#)
- [Memory](#)
- [Mental Disorders](#)
- [Mental Status Schedule](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Migraine without Aura](#)
- [Mood Disorders](#)
- [Multiple Sclerosis](#)
- [Muscle Rigidity](#)
- [Narcolepsy](#)
- [NARP](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Obsessive-Compulsive Disorder](#)
- [Ocular Motility Disorders](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Pain Threshold](#)
- [Panic Disorder](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)

- [Personality Disorders](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Psychological Tests](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Reaction Time](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Restless Legs Syndrome](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
- [Sensation](#)
- [Sleep Deprivation](#)
- [Startle Reaction](#)
- [Stomach Neoplasms](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Task Performance and Analysis](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)

- [Tremor](#)
- [Weight Gain](#)