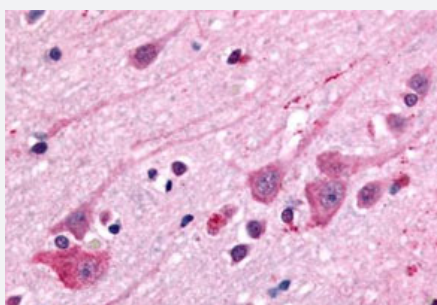


DRD1 polyclonal antibody

Catalog # PAB26254

Size 50 ug

Applications



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human brain tissue with DRD1 polyclonal antibody (Cat # PAB26254). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DRD1.
Immunogen	A synthetic peptide corresponding to 20 amino acid at extracellular domain of human DRD1.
Host	Rabbit
Reactivity	Human
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) (10 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 — DRD1

Entrez GeneID [1812](#)

Protein Accession# [P21728](#)

Gene Name DRD1

Gene Alias DADR, DRD1A

Gene Description dopamine receptor D1

Omim ID [126449](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the D1 subtype of the dopamine receptor. The D1 subtype is the most abundant dopamine receptor in the central nervous system. This G-protein coupled receptor stimulates a denlyl cyclase and activates cyclic AMP-dependent protein kinases. D1 receptors regulate neuronal growth and development, mediate some behavioral responses, and modulate dopamine receptor D2-mediated events. Alternate transcription initiation sites result in two transcript variants of this gene. [provided by RefSeq]

Other Designations OTTHUMP00000161116

Pathway

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

Disease

- [Alcohol-Induced Disorders](#)
- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Atrophy](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Brief Psychiatric Rating Scale](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Cognition](#)
- [Cues](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Models](#)
- [Dyskinesia](#)
- [Dyslexia](#)
- [Edema](#)
- [Executive Function](#)

- [Functional Laterality](#)
- [Gambling](#)
- [Genetic Predisposition to Disease](#)
- [Hallucinations](#)
- [Heroin Dependence](#)
- [Hypertension](#)
- [Impulse Control Disorders](#)
- [Leiomyoma](#)
- [Lung Neoplasms](#)
- [Memory](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Migraine without Aura](#)
- [Narcolepsy](#)
- [NARP](#)
- [Neuroblastoma](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Panic Disorder](#)
- [Parkinson disease](#)
- [Personality Tests](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Psychological Tests](#)

- [Psychotic Disorders](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Renal Insufficiency](#)
- [Restless Legs Syndrome](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sensation](#)
- [Stress](#)
- [Substance-Related Disorders](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)
- [Weight Gain](#)
- [Werner syndrome](#)