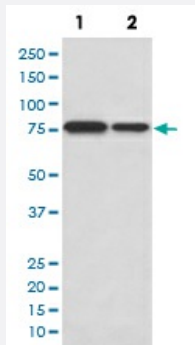


DRD1 monoclonal antibody, clone AAEA-4

Catalog # MAB19988 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of (1) SH-SY5Y cell lysate; (2) Mouse kidney lysate with DRD1 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human DRD1.
Immunogen	A synthetic peptide corresponding to human DRD1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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

- Western Blot (Cell lysate)

Western blot analysis of (1) SH-SY5Y cell lysate; (2) Mouse kidney lysate with DRD1 monoclonal antibody.

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 denyl 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](#)