

DNAXPAb

Hard-to-Find
Antibody

ADORA2A DNAXPab

Catalog # H00000135-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ADORA2A DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MPIMGSSVYITVELAIAVLAILGNVLVCWAVWLNSNLQNVNTNYFVVS LAAADIAVGVLAI PFAITISTG FCAACHGCLFIACFVLVLTQSSIFSL LAIAIDRYAIRIPLRYNGLVTGTRAKGIIAICWVLSFAIGLTPML GWNNGCGQPKEGKNHSQGC GEGQVACL FEDV VPMNYMVYFNFFACVLVPLLLMLGVYLRIFLAA RRQLKQMESQPLPGERARSTLQKEVHAAKSLAIVGLFALCWLP LHIINCFTFFCPDCSHAPLWLM YLAVLSHTNSVVPFIYAYRIREFRQTFRKIIIRSHVLRQQEPFKAAGTSARVLA AHGSDGEQVSLRL NGHPPGVWANGSAPHPERRPNGYALGLVSGGSAQESQGNTGLPDVELLSHELK GVCPEPPGL DDPLAQDGAGVS

Host Rabbit

Reactivity Human

Interspecies Antigen Sequence Mouse (83); Rat (83)

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ADORA2A

Entrez GeneID [135](#)

GeneBank Accession# [NM_000675.3](#)

Protein Accession# [NP_000666.2](#)

Gene Name ADORA2A

Gene Alias ADORA2, RDC8, hA2aR

Gene Description adenosine A2a receptor

Omim ID [102776](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein which is one of several receptor subtypes for adenosine. The activity of the encoded protein, a G-protein coupled receptor family member, is mediated by G proteins which activate adenylyl cyclase. The encoded protein is abundant in basal ganglia, vasculature and platelets and it is a major target of caffeine. [provided by RefSeq]

Other Designations adenosine A2 receptor|adenosine receptor subtype A2a

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Arousal](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Artery Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Fatigue](#)
- [Genetic Predisposition to Disease](#)
- [Headache](#)
- [Huntington disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [Migraine with Aura](#)

- [Mood Disorders](#)
- [Neuropsychological Tests](#)
- [Panic Disorder](#)
- [Parkinson disease](#)
- [Personality Inventory](#)
- [Psychiatric Status Rating Scales](#)
- [Psychomotor Performance](#)
- [Psychoses](#)
- [Reaction Time](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sleep](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Syncope](#)
- [Weight Gain](#)