

DNAxPAb

Hard-to-Find
Antibody

ADORA1 DNAxPab

Catalog # H00000134-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ADORA1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPPSISAFQAAAYIGIEVLIALVSVPGNVLVWAVKVNQALRDSTFCFIVPLAVADVAVGALVIPLAILINIGPQTYFHTCLMVACPVILITQSSILALLAIAVDHYLRVKIPLRYKMVVTPRRAAVAAGCWILSFVVGLTPMFGWNNLSAVERAWAANGSMGEPVIKCEFEKVISMEYMYFNFFVWVLPPLLLMVLIMLEVFLIRKQLNKKVSASSGDPQKYKGKELKIAKSLALILFLFALSWLPLHILNCITLFCQSCHKPSILTYAIFLTHGNSAMNPVYAFRIQKFRVTFLKWNDHFRCQPAPPIDEDLPEERPDD
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
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 — ADORA1

Entrez GeneID [134](#)

GeneBank Accession# [BC026340](#)

Protein Accession# [no protein_acc](#)

Gene Name ADORA1

Gene Alias RDC7

Gene Description adenosine A1 receptor

Omim ID [102775](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an adenosine receptor that belongs to the G-protein coupled receptor 1 family. There are 3 types of adenosine receptors, each with a specific pattern of ligand binding and tissue distribution, and together they regulate a diverse set of physiologic functions. The type A1 receptors inhibit adenylyl cyclase, and play a role in the fertilization process. Animal studies also suggest a role for A1 receptors in kidney function and ethanol intoxication. Transcript variants with alternative splicing in the 5' UTR have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000039090|OTTHUMP00000039091

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Brain Injuries](#)

- [Bulimia](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Epilepsy](#)
- [Fatigue](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Myocardial Infarction](#)
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- [Neuropsychological Tests](#)
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- [Schizophrenia](#)
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- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)