

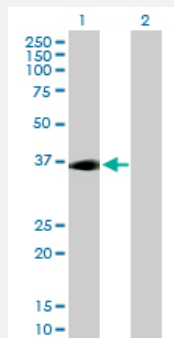
MaxPab®

ADORA2A purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000135-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ADORA2A expression in transfected 293T cell line ([H00000135-T03](#)) by ADORA2A MaxPab polyclonal antibody.

Lane 1: ADORA2A transfected lysate(45.32 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ADORA2A protein.
Immunogen	ADORA2A (NP_000666, 1 a.a. ~ 412 a.a) full-length human protein.
Sequence	MPIMGSSVYTVELAIAVLAILGNVLCWAVWLNSNLQNVNTNYFVVSLLAAADIAVGVLAIPTAITSTG FCAACHGCLFIACFVLVLTQSSIFSLLAIAIDRYAIRIPLRYNGLVTGTRAKGIIACWVLSFAIGLTPML GWNNGGQPKGKNHSQGCQGEQVACLFEDVVPNMNMYFNFACVLVPLLLMLGVYLRIFLAA RRQLKQMESQPLPGERARSTLQKEVHAAKSLAIVGLFALCWLPPLHINCFTFFCPDCSHAPLWLM YLAVLSHTNSVNPFIYAYRIREFRQTFRKIIRSHVLRQQEPFKAAGTSARVLAHGS DGEQVSLRL NGHPPGVWANGSAPHPERRPNGYALGLVSGGSAQESQGNTGLPDVELLSHELKGCPEPPGL DDPLAQDGAGVS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (83)
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)

Western Blot analysis of ADORA2A expression in transfected 293T cell line ([H00000135-T03](#)) by ADORA2A MaxPab polyclonal antibody.

Lane 1: ADORA2A transfected lysate(45.32 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ADORA2A

Entrez GeneID [135](#)

GeneBank Accession# [NM_000675](#)

Protein Accession# [NP_000666](#)

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](#)