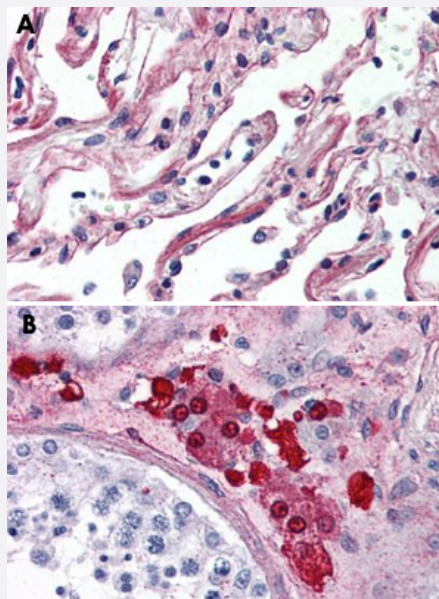


ADORA2A polyclonal antibody

Catalog # PAB25548

Size 50 ug

Applications



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

Immunohistochemical staining of formalin-fixed, paraffin-embedded human lung (A) and human testis (B) tissue after heat-induced antigen retrieval. Using ADORA2A polyclonal antibody (Cat # PAB25548).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADORA2A.
Immunogen	A synthetic peptide corresponding to 20 amino acids at C-terminus cytoplasmic domain of human ADORA2A.
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)

Immunohistochemical staining of formalin-fixed, paraffin-embedded human lung (A) and human testis (B) tissue after heat-induced antigen retrieval.

Using ADORA2A polyclonal antibody (Cat # PAB25548).

Gene Info — ADORA2A

Entrez GeneID	135
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](#)