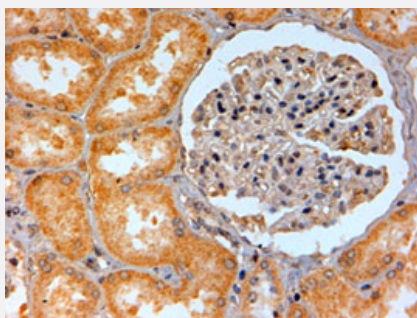


ADORA2B polyclonal antibody

Catalog # PAB6870 Size 100 ug

Applications



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

ADORA2B polyclonal antibody (Cat # PAB6870) (2 ug/mL) staining of paraffin embedded human kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of ADORA2B.

Immunogen A synthetic peptide corresponding to human ADORA2B.

Sequence CQADVKSNGQ

Host Goat

Theoretical MW (kDa) 36.3

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage ELISA (1:4000)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°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)

ADORA2B polyclonal antibody (Cat # PAB6870) (2 ug/mL) staining of paraffin embedded human kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADORA2B

Entrez GeneID	136
Protein Accession#	NP_000667.1
Gene Name	ADORA2B
Gene Alias	ADORA2
Gene Description	adenosine A2b receptor
Omim ID	600446
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Mechanisms involved in the adenosine-induced vasorelaxation to the pig prostatic small arteries.](#)

Ribeiro AS, Fernandes VS, Orensanz LM, Martinez MP, Recio P, Martinez-Saenz A, Climent B, Arteaga JL, Garcia-Sacristan A, Prieto D, Hernandez M.

Purinergic Signalling 2011 Dec; 7(4):413.

Application: WB-Ti, Pig, Prostatic small arteries

- [A2B adenosine receptor activity is reduced in neutrophils from patients with systemic sclerosis.](#)

Bazzichi L, Trincavelli L, Rossi A, De Feo F, Lucacchini A, Bombardieri S, Martini C.

Arthritis Research & Therapy 2005 Dec; 7(2):R189.

Application: WB-Ce, Human, Human neutrophils

Pathway

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

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)