

**Goat Anti-Adenosine A2b Receptor Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF1028a****Specification**

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**Goat Anti-Adenosine A2b Receptor Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">P29275</a>
Other Accession	<a href="#">NP_000667</a> , <a href="#">136</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	36333

**Goat Anti-Adenosine A2b Receptor Antibody - Additional Information****Gene ID** 136**Other Names**

Adenosine receptor A2b, ADORA2B

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-Adenosine A2b Receptor Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-Adenosine A2b Receptor Antibody - Protein Information****Name** ADORA2B**Function**

Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

**Cellular Location**

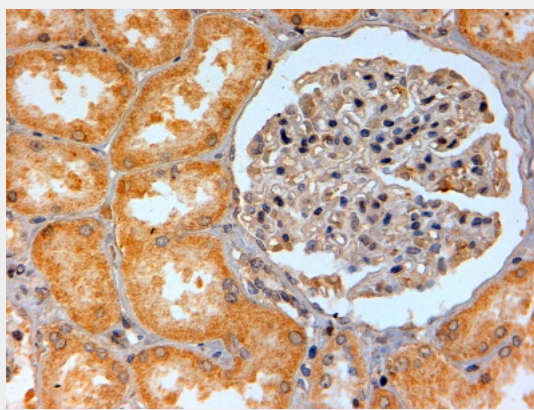
Cell membrane; Multi-pass membrane protein.

## Goat Anti-Adenosine A2b Receptor Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Goat Anti-Adenosine A2b Receptor Antibody - Images



AF1028a (2 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

## Goat Anti-Adenosine A2b Receptor Antibody - Background

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.

## Goat Anti-Adenosine A2b Receptor Antibody - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

Adenosine 2B receptor expression is post-transcriptionally regulated by microRNA. Kolachala VL, et al. J Biol Chem, 2010 Jun 11. PMID 20388705.

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.

Hypoxia induces T-cell apoptosis by inhibiting chemokine C receptor 7 expression: the role of adenosine receptor A(2). Sun J, et al. Cell Mol Immunol, 2010 Jan. PMID 20029460.

The danger signal adenosine induces persistence of chlamydial infection through stimulation of A2b receptors. Pettengill MA, et al. PLoS One, 2009 Dec 14. PMID 20011598.