

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

Specification

Goat Anti-Adenosine A2b Receptor Antibody - Product Information

| | |
|-------------------|---|
| Application | IHC |
| Primary Accession | P29275 |
| Other Accession | NP_000667 , 136 |
| 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

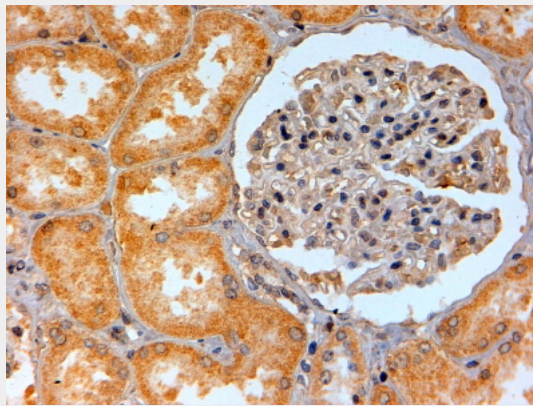
Cell membrane; Multi-pass membrane protein.

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 Thiazolinedione-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.