

**Adenosine A2a Receptor Antibody (C-Term)**  
Peptide-affinity purified goat antibody  
Catalog # AF2487a

**Specification**

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**Adenosine A2a Receptor Antibody (C-Term) - Product Information**

|                   |   |
|-------------------|---|
| Application       | WB, E   |
| Primary Accession | <a href="#">P29274</a>                            |
| Other Accession   | <a href="#">NP_000666.2</a> , <a href="#">135</a> |
| Reactivity        | Rhesus  |
| Predicted         | Human   |
| Host              | Goat  |
| Clonality         | Polyclonal  |
| Concentration     | 0.5 mg/ml   |
| Isotype           | IgG   |
| Calculated MW     | 44707   |

**Adenosine A2a Receptor Antibody (C-Term) - Additional Information**

**Gene ID** 135

**Other Names**

Adenosine receptor A2a, ADORA2A, ADORA2

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 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**

Adenosine A2a Receptor Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Adenosine A2a Receptor Antibody (C-Term) - Protein Information**

**Name** ADORA2A

**Synonyms** ADORA2

**Function**

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

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:P30543}; Multi-pass membrane protein

{ECO:0000250|UniProtKB:P30543} Note=Colocalizes with GAS2L2 at neuronal processes  
{ECO:0000250|UniProtKB:P30543}

### **Adenosine A2a Receptor Antibody (C-Term) - 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](#)

### **Adenosine A2a Receptor Antibody (C-Term) - Images**

### **Adenosine A2a Receptor Antibody (C-Term) - References**

A functional genetic variation of adenosine deaminase affects the duration and intensity of deep sleep in humans. Retey JV, Adam M, Honegger E, Khatami R, Luhmann UF, Jung HH, Berger W, Landolt HP. Proc Natl Acad Sci U S A. 2005 Oct 25;102(43):15676-81. Epub 2005 Oct 12. PMID: 16221767