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Adenosine A1 receptor Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2627a

Specification

Adenosine A1 receptor Antibody (C-Term) - Product Information

Application	**E**
Primary Accession	P30542
Other Accession	NP_000665.1, NP_001041695.1, 134, 11539 (mouse), 29290 (rat)
Predicted	**Human, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**36512**

Adenosine A1 receptor Antibody (C-Term) - Additional Information

Gene ID 134

Other Names
Adenosine receptor A1, ADORA1

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 A1 receptor Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Adenosine A1 receptor Antibody (C-Term) - Protein Information

Name ADORA1

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

Cellular Location
Cell membrane; Multi-pass membrane protein

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Adenosine A1 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 Cytomety
- Cell Culture

Adenosine A1 receptor Antibody (C-Term) - Images

Adenosine A1 receptor Antibody (C-Term) - Background

Both reported isoforms represent identical protein (NP_000665.1; NP_001041695.1)

Adenosine A1 receptor Antibody (C-Term) - References

Regulated overexpression of the A1-adenosine receptor in mice results in adverse but reversible changes in cardiac morphology and function. Funakoshi H, Chan TO, Good JC, Libonati JR, Piuhola J, Chen X, MacDonnell SM, Lee LL, Herrmann DE, Zhang J, Martini J, Palmer TM, Sanbe A, Robbins J, Houser SR, Koch WJ, Feldman AM. Circulation. 2006 Nov 21;114(21):2240-50. Epub 2006 Nov 6. PMID: 17088462