

**Product Name: Adenosine A3-R Rabbit Polyclonal Antibody**  
**Catalog #: APRab06623**

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## Summary

<b>Production Name</b>	Adenosine A3-R Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	ADORA3
<b>Alternative Names</b>	ADORA3; Adenosine receptor A3
<b>Gene ID</b>	140.0
<b>SwissProt ID</b>	P33765.The antiserum was produced against synthesized peptide derived from human ADORA3. AA range:255-304

## Application

<b>Dilution Ratio</b>	IF 1:200-1:1000. ELISA: 1:10000.
<b>Molecular Weight</b>	36kD

## Background

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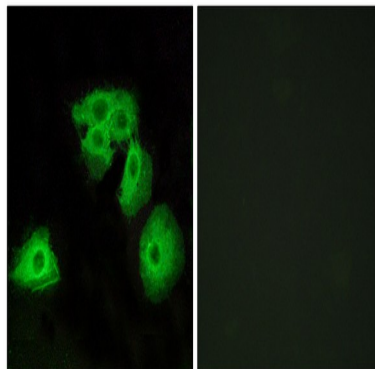
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This gene encodes a protein that belongs to the family of adenosine receptors, which are G-protein-coupled receptors that are involved in a variety of intracellular signaling pathways and physiological functions. The receptor encoded by this gene mediates a sustained cardioprotective function during cardiac ischemia, it is involved in the inhibition of neutrophil degranulation in neutrophil-mediated tissue injury, it has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death. Alternative splicing results in multiple transcript variants. This gene shares its 5' terminal exon with some transcripts from overlapping GeneID:57413, which encodes an immunoglobulin domain-containing protein. [provided by RefSeq, Nov 2014],function:Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase. Possible role in reproduction.,PTM:Phosphorylation on Ser-317 may be crucial for rapid desensitization.,similarity:Belongs to the G-protein coupled receptor 1 family.,

### Research Area

Neuroactive ligand-receptor interaction;

### Image Data



Immunofluorescence analysis of HeLa cells, using ADORA3 Antibody. The picture on the right is blocked with the synthesized peptide.

### Note

For research use only.