

## ARG42679 anti-Adenosine Receptor A1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Adenosine Receptor A1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Adenosine Receptor A1
Species	Human
Immunogen	Synthetic peptide derived from Human Adenosine Receptor A1.
Conjugation	Un-conjugated
Alternate Names	Adenosine receptor A1; RDC7

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

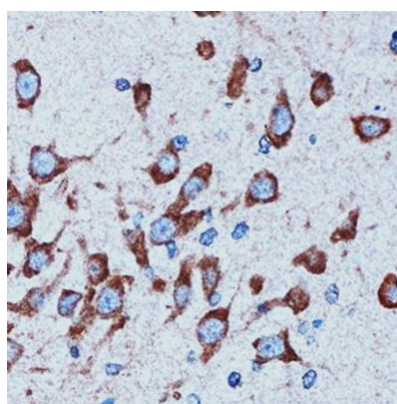
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide, 50% Glycerol and 0.05% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

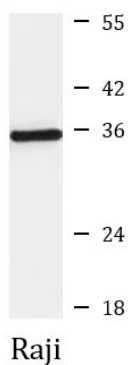
Gene Symbol	ADORA1
Gene Full Name	adenosine A1 receptor
Background	The protein encoded by this gene is an adenosine receptor that belongs to the G-protein coupled receptor 1 family. There are 3 types of adenosine receptors, each with a specific pattern of ligand binding and tissue distribution, and together they regulate a diverse set of physiologic functions. The type A1 receptors inhibit adenylyl cyclase, and play a role in the fertilization process. Animal studies also suggest a role for A1 receptors in kidney function and ethanol intoxication. Transcript variants with alternative splicing in the 5' UTR have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. [UniProt]
Calculated Mw	37 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

## Images



ARG42679 anti-Adenosine Receptor A1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain tissue stained with ARG42679 anti-Adenosine Receptor A1 antibody at 1:100 dilution.



ARG42679 anti-Adenosine Receptor A1 antibody WB image

Western blot: 25 µg of Raji cell lysate stained with ARG42679 anti-Adenosine Receptor A1 antibody at 1:1000 dilution.