Product Name: Adenosine A1-R Rabbit Polyclonal Antibody
Catalog #: APRab06621

Summary

Production Name	Adenosine A1-R Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat

Performance

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

Immunogen

Gene Name	ADORA1
Alternative Names	ADORA1; Adenosine receptor A1
Gene ID	134.0
SwissProt ID	P30542.The antiserum was produced against synthesized peptide derived from human ADORA1. AA range:277-326

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:20000.
Molecular Weight	37kD

Background

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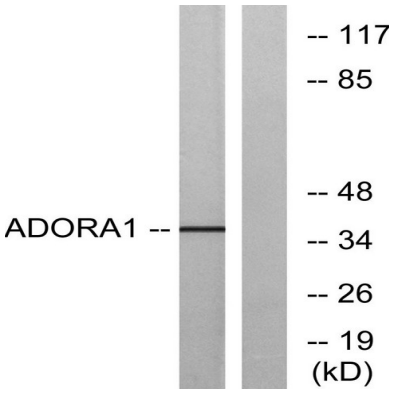
The protein encoded by this gene is an adenosine receptor that belongs to the G-protein coupled receptor 1 family. There are 3 types of adenosine receptors, each with a specific pattern of ligand binding and tissue distribution, and together they regulate a diverse set of physiologic functions. The type 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.,similarity:Belongs to the G-protein coupled receptor 1 family.,

Research Area

Neuroactive ligand-receptor interaction;

Image Data



Western blot analysis of lysates from MCF-7 cells, using ADORA1 Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.