

Adenosine A1-R Polyclonal Antibody

Catalog No: YT0128

Reactivity: Human;Rat

Applications: WB;IF;ELISA

Target: Adenosine A1-R

Fields: >>cGMP-PKG signaling pathway;>>cAMP signaling pathway;>>Sphingolipid

signaling pathway;>>Neuroactive ligand-receptor interaction;>>Regulation of

lipolysis in adipocytes;>>Renin secretion;>>Morphine addiction

Gene Name: ADORA1

Protein Name: Adenosine receptor A1

Human Gene Id: 134

Human Swiss Prot P30542

No:

Mouse Swiss Prot

No:

Rat Gene ld: 29290

Rat Swiss Prot No: P25099

Immunogen: The antiserum was produced against synthesized peptide derived from human

ADORA1. AA range:277-326

Specificity: Adenosine A1-R Polyclonal Antibody detects endogenous levels of Adenosine

A1-R protein.

Q60612

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other

applications.



Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 37kD

Cell Pathway: Neuroactive ligand-receptor interaction;

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 RefSeg, Jul 2008],

Function: function:Receptor for adenosine. The activity of this receptor is mediated by G

Cell membrane; Multi-pass membrane protein.

proteins which inhibit adenylyl cyclase., similarity: Belongs to the G-protein coupled

receptor 1 family.,

Subcellular

Location:

Expression: Brain, Heart, Hippocampus,

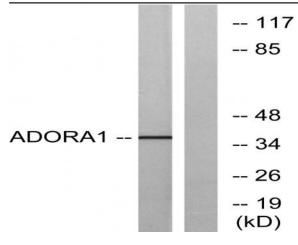
Sort : 1752

Host: Rabbit

Modifications: Unmodified

Products Images

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