



Adenosine A1-R Polyclonal Antibody

Catalog No	YP-Ab-13136
Isotype	IgG
Reactivity	Human;Rat
Applications	WB;IF;ELISA
Gene Name	ADORA1
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.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Adenosine A1-R;ADORA1;Adenosine receptor A1
Observed Band	37kD
Calculated Molecular Weight	37kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein.
Tissue Specificity	Brain,Heart,Hippocampus,
Function	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.,
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],

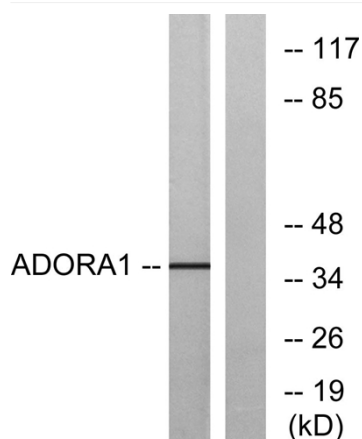
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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