



Adenosine A1-R rabbit pAb

Cat No.:ES4771

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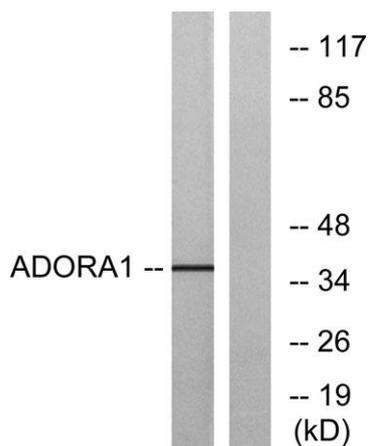
Overview

Product Name	Adenosine A1-R rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Adenosine receptor A1
Gene Name	ADORA1
Cellular localization	Cell membrane ; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	37kD
Human Gene ID	134
Human Swiss-Prot Number	P30542
Alternative Names	ADORA1; Adenosine receptor A1
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],



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

