



Rabbit Anti-ADORA1 antibody

SL6649R

Product Name:	ADORA1
Chinese Name:	腺苷A1受体抗体
Alias:	A1AR; A1R; AA1R; AA1R_HUMAN; Adenosine receptor A1; ADORA 1; ADORA1; RDC 7; RDC7; Ri.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	37kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Adenosine A1 Receptor:225-326/326<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 癆 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20癆. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 癆.
PubMed:	PubMed
Product Detail:	Adenosine is involved in a variety of processes, including the synthesis of urea, the anti-inflammatory response, and the inhibition of protein synthesis. The Adenosine receptors, including Adenosine A1-R, Adenosine A2A-R, Adenosine A2B-R and Adenosine A3-R, are integral membrane proteins that are members of the G protein-coupled receptor family. Adenosine A1-R mediates ureagenesis in a partially calcium-

dependent manner. Adenosine is known to mediate coronary vasodilation via Adenosine A2A-R. Collagen synthesis and total protein synthesis are inhibited in certain cells by Adenosine, acting via the A2B receptors. Activation of Adenosine A3-R inhibits the induction of TNF α and blocks the endotoxin CD14 receptor signal transduction pathway.

Function:

Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase.

Subcellular Location:

Cell membrane.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P30542

Gene ID:

134

Database links:

[Entrez Gene: 134](#)Human

[Entrez Gene: 11539](#)Mouse

[Entrez Gene: 29290](#)Rat

[Olim: 102775](#)Human

[SwissProt: P28190](#)Cow

[SwissProt: P30542](#)Human

[SwissProt: Q60612](#)Mouse

[SwissProt: P25099](#)Rat

[Unigene: 77867](#)Human

[Unigene: 298908](#)Mouse

[Unigene: 32078](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

