

# Rabbit Anti-ADORA1 antibody

## SL6649R

RDC 7; RDC7; Ri.  Organism Species: Rabbit Clonality: Polyclonal React Species: Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit, 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: Img/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. Store at -20 癈 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 癈. 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 癈.</cytoplasmic>		
Alias:  AlAR; AlR; AAIR; AAIR_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, 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: Img/ml KLH conjugated synthetic peptide derived from human Adenosine A1 Receptor:225-326/326 <cytoplasmic> Lsotype: IgG Purification: affinity purified by Protein A Storage Buffer: O.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. Store at -20 癈 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 yea when kept at -20 癈. 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 癈.</cytoplasmic>	Product Name:	ADORA1
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RDC 7; RDC7; RL	Alias:	A1AR; A1R; AA1R; HUMAN; Adenosine receptor A1; ADORA 1; ADORA1;
Polyclonal   React Species:   Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,   WB=1:500-2000ELISA=1:500-1000   not yet tested in other applications.   optimal dilutions/concentrations should be determined by the end user.   37kDa		RDC 7; RDC7; Ri.
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Storage:   326/326 Cytoplasmic   326/326 Cytoplasmic   326/326 Cytoplasmic   1gG	Concentration:	1mg/ml
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PubMed: PubMed	PubMed:	PubMed
Adenosine is involved in a variety of processes, including the synthesis of urea, the ant	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		inflammatory response, and the inhibition of protein synthesis. The Adenosine
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-		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? 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: 134Human

Entrez Gene: 11539 Mouse

Entrez Gene: 29290Rat

Omim: 102775Human

SwissProt: P28190Cow

SwissProt: P30542Human

SwissProt: Q60612Mouse

SwissProt: P25099Rat

<u>Unigene: 77867</u>Human

Unigene: 298908Mouse

Unigene: 32078Rat

### **Important Note:**

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

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