ADORA1 Polyclonal Antibody Cy3 Conjugated

Catalog No: #C06527Cy3

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Description

Product Name	ADORA1 Polyclonal Antibody Cy3 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB, IHC-P, IHC-F, IF, ELISA
Species Reactivity	Rat (predicted: Human, Mouse, Rabbit, Pig, Dog, Horse)
Immunogen Description	KLH conjugated synthetic peptide derived from human ADORA1: 151-250/326
Conjugates	Cy3
Target Name	ADORA1
Other Names	RDC7; Adenosine receptor A1; ADORA1
Accession No.	Swiss-Prot#:P30542NCBI Gene ID:134
Uniprot	P30542
GeneID	134;
Excitation Emission	512,550nm 570,615nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB 1:500-2000 IHC-P 1:100-500 IHC-F 1:100-500 IF 1:100-500 ELISA 1:5000-10000

Background

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?and blocks the endotoxin CD14 receptor signal transduction pathway.

Note: This product is for in vitro research use only