
Product Name: Adenosine A3-R Rabbit Polyclonal Antibody**Catalog #: APRab06623**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	36kDa

Antigen Information

Gene Name	ADORA3
Alternative Names	ADORA3; Adenosine receptor A3
Gene ID	140.0
SwissProt ID	P33765
Immunogen	The antiserum was produced against synthesized peptide derived from human ADORA3. AA range:255-304

Background

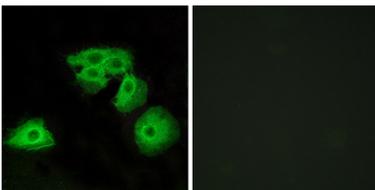
This gene encodes a protein that belongs to the family of adenosine receptors, which are G-protein-coupled receptors that are

involved in a variety of intracellular signaling pathways and physiological functions. The receptor encoded by this gene mediates a sustained cardioprotective function during cardiac ischemia, it is involved in the inhibition of neutrophil degranulation in neutrophil-mediated tissue injury, it has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death. Alternative splicing results in multiple transcript variants. This gene shares its 5' terminal exon with some transcripts from overlapping GeneID:57413, which encodes an immunoglobulin domain-containing protein. [provided by RefSeq, Nov 2014],function:Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase. Possible role in reproduction.,PTM:Phosphorylation on Ser-317 may be crucial for rapid desensitization.,similarity:Belongs to the G-protein coupled receptor 1 family.,

Research Area

Neuroactive ligand-receptor interaction;

Image Data



Immunofluorescence analysis of HeLa cells, using ADORA3 Antibody. The picture on the right is blocked with the synthesized peptide.