



Adenosine A3-R Polyclonal Antibody

Catalog No	YP-Ab-13138
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IF;ELISA
Gene Name	ADORA3
Protein Name	Adenosine receptor A3
Immunogen	The antiserum was produced against synthesized peptide derived from human ADORA3. AA range:255-304
Specificity	Adenosine A3-R Polyclonal Antibody detects endogenous levels of Adenosine A3-R protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ADORA3; Adenosine receptor A3
Observed Band	36kD
Cell Pathway	plasma membrane,integral component of membrane,
Tissue Specificity	Adrenal gland,Brain,Heart,Lung,Testis,
Function	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.,
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],

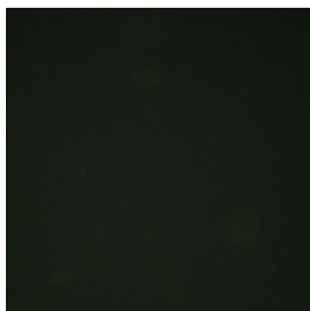
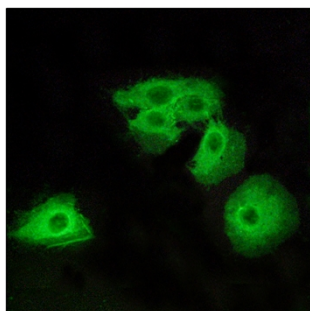
matters needing attention

Avoid repeated freezing and thawing!

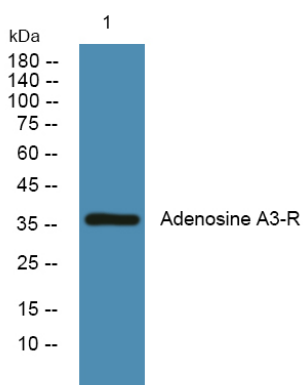
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night