



# Adenosine A3-R Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-13138
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	ADORA3
<b>Protein Name</b>	Adenosine receptor A3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ADORA3. AA range:255-304
<b>Specificity</b>	Adenosine A3-R Monoclonal Antibody detects endogenous levels of Adenosine A3-R protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	ADORA3; Adenosine receptor A3
<b>Observed Band</b>	36kD
<b>Cell Pathway</b>	plasma membrane,integral component of membrane,
<b>Tissue Specificity</b>	Adrenal gland,Brain,Heart,Lung,Testis,
<b>Function</b>	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.,
<b>Background</b>	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],

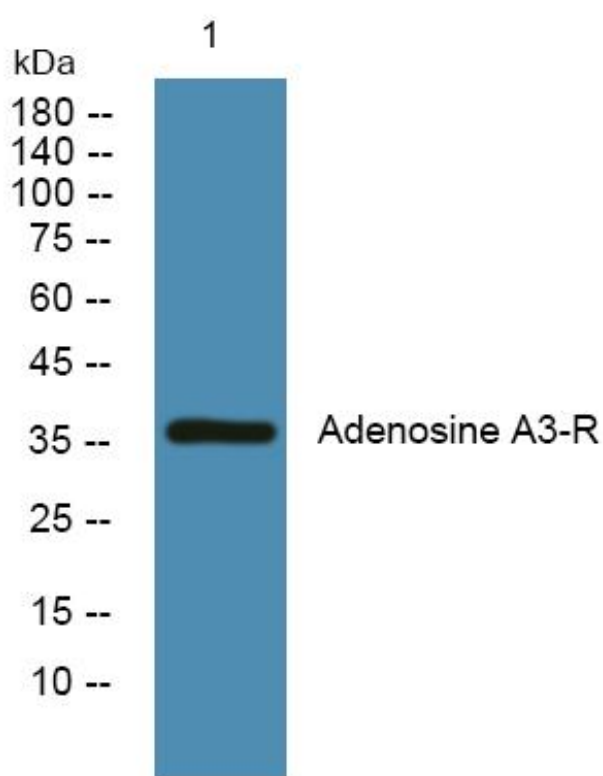
**matters needing attention**

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**



Western Blot analysis of various cells using Adenosine A3-R Monoclonal Antibody