



Adenosine A2a Rabbit mAb

Catalog No	YP-rAb-16927
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	ADORA2A
Protein Name	Adenosine receptor A2a
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:100-1:500; WB 1:1000-1:5000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	Adenosine A2a;Adenosine receptor A2a;ADORA2A ; ADORA2 ; Adenosine receptor A2a;ADORA2A
Observed Band	65kD
Calculated Molecular Weight	45kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Colocalizes with GAS2L2 at neuronal processes__
Tissue Specificity	Brain,Hippocampus,Lymph,Thymus,
Function	Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenyl cyclase.,similarity:Belongs to the G-protein coupled receptor 1 family.,
Background	adenosine A2a receptor(ADORA2A) Homo sapiens This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily, which is subdivided into classes and subtypes. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein, an adenosine receptor of A2A subtype, uses adenosine as the preferred endogenous agonist and preferentially interacts with the G(s) and G(olf) family of G proteins to increase intracellular cAMP levels. It plays an important role in many biological functions, such as cardiac rhythm and circulation, cerebral and renal blood flow,



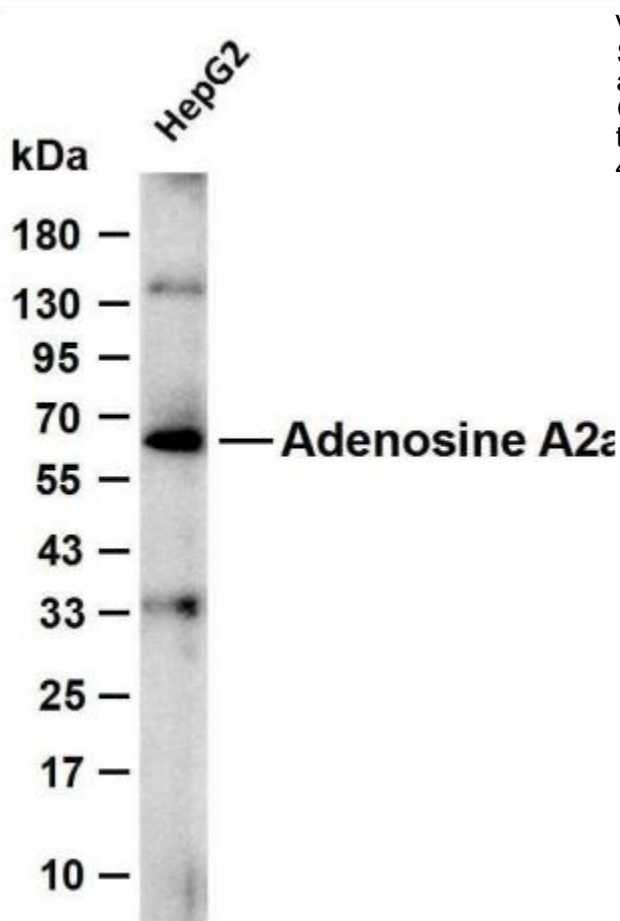
immune function, pain regulation, and sleep. It has been implicated in pathophysiological conditions such as inflammatory diseases and neurodegenerative disorders. Alternative splicing results in multiple transcript variants. A read-through transcript compos

matters needing attention

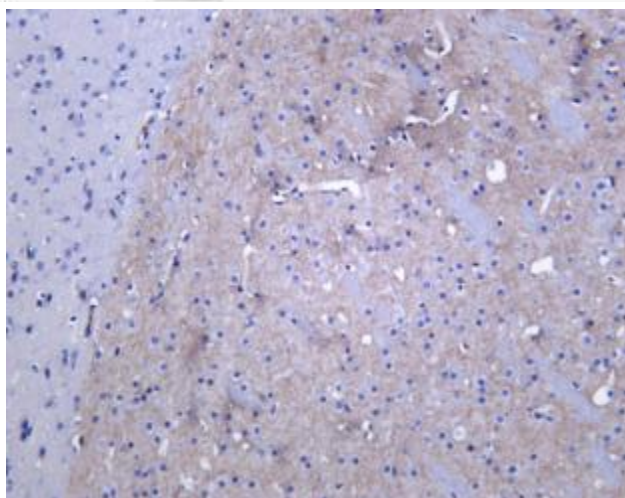
Avoid repeated freezing and thawing!

Usage suggestions

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

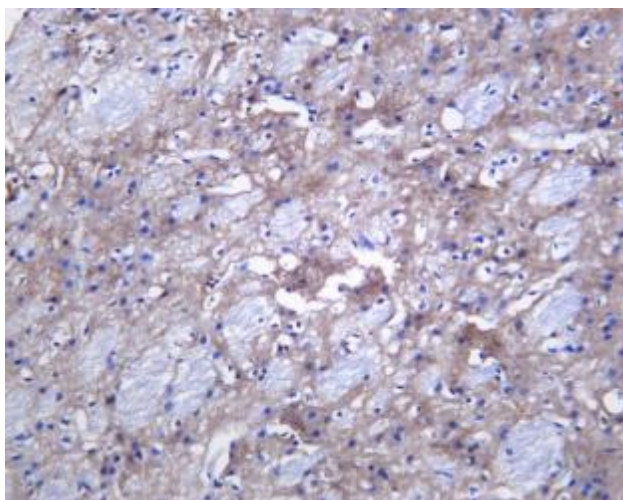


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Adenosine A2a antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HepG2 Predicted band size: 45kDa Observed band size: 65kDa



Mouse brain was stained with anti-Adenosine A2a Rabbit antibody





Rat brain was stained with anti-Adenosine A2a Rabbit antibody

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