

Datasheet for ABIN1535641

anti-Adenosine A2a Receptor antibody (AA 321-370)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µL
Target:	Adenosine A2a Receptor (ADORA2A)
Binding Specificity:	AA 321-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenosine A2a Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ADORA2A.
Isotype:	IgG
Specificity:	ADORA2A Antibody detects endogenous levels of total ADORA2A protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Adenosine A2a Receptor (ADORA2A)
Alternative Name:	ADORA2A (ADORA2A Products)
Background:	Synonyms: Adenosine receptor A2a, None, ADORA2A, ADORA2

Target Details

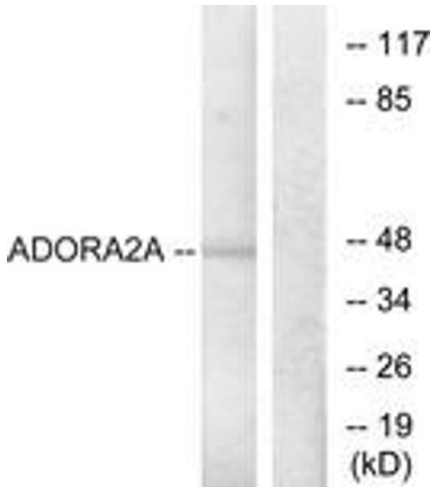
	NCBI Gene Symbol: ADORA2A
Molecular Weight:	44 kDa
Gene ID:	135
OMIM:	102776
UniProt:	P29274
Pathways:	Neurotrophin Signaling Pathway , cAMP Metabolic Process , Synaptic Membrane , Feeding Behaviour , Cancer Immune Checkpoints

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.197029 (NCBI Gene Symbol: ADORA2A)
Restrictions:	For Research Use only

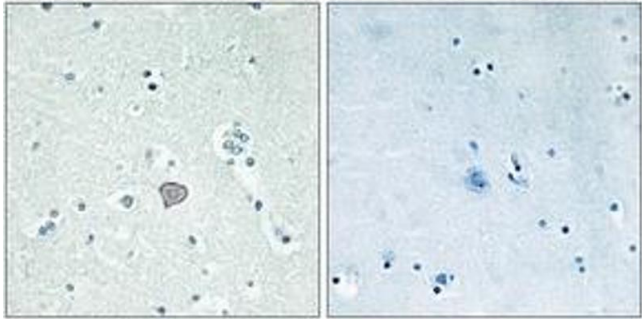
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



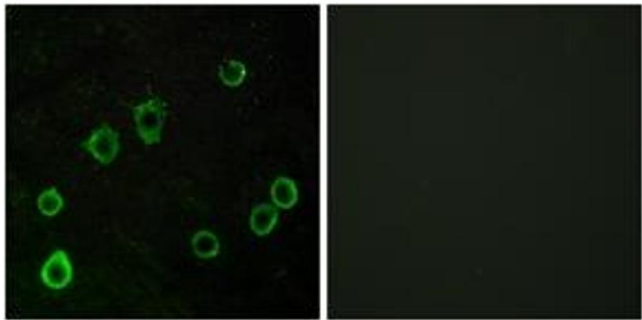
Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, using ADORA2A Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ADORA2A Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of LOVO cells, using ADORA2A Antibody. The picture on the right is treated with the synthesized peptide.