Datasheet for ABIN1535559

anti-Adenosine A2a Receptor antibody (AA 120-169)

2 Images

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Overview

Quantity:	100 µg
Target:	Adenosine A2a Receptor (ADORA2A)
Binding Specificity:	AA 120-169
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenosine A2a Receptor antibody is un-conjugated
Application:	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, 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:	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 Mg2+ and Ca2+), 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

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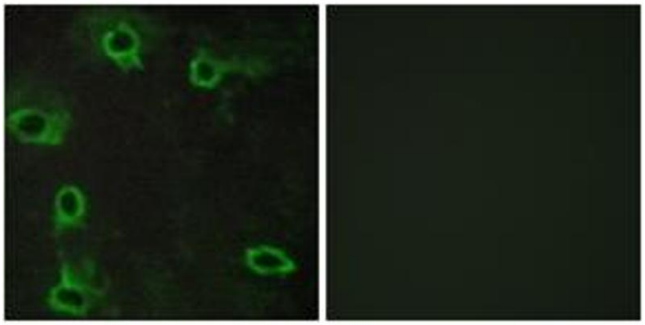
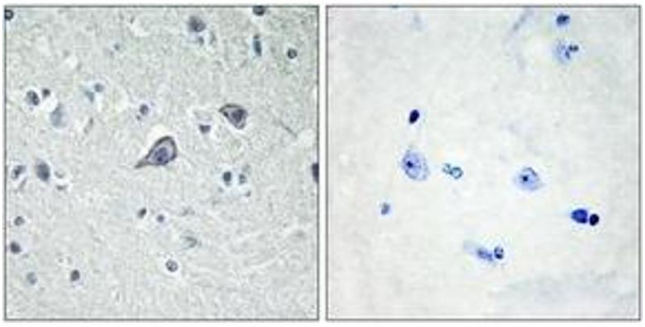


Immunofluorescence

Image 1. Immunofluorescence analysis of COS7 cells, using ADORA2A Antibody. The picture 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.

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